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Attorneys for Federal Defendants

UNITED STATES DISTRICT COURT  
DISTRICT OF OREGON

NORTHWEST ENVIRONMENTAL  
ADVOCATES, a non-profit corporation,

Civ. No. 05-1876-HA

Plaintiff,

UNITED STATES' NOTICE OF FILING  
EPA'S ADMINISTRATIVE RECORD  
AND INDEX

v.

UNITED STATES ENVIRONMENTAL  
PROTECTION AGENCY, NATIONAL  
MARINE FISHERIES SERVICE, and  
UNITED STATES FISH AND WILDLIFE  
SERVICE,

Defendants.

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Notice is hereby provided to the Court and the parties that the United States is hereby filing the United States Environmental Protection Agency's ("EPA's) certified index of its supplemented administrative record, in accordance with the Court's Order of January 7, 2008. See Docket No. 134. The Certified Index to EPA's Supplemented Administrative Record is attached hereto as Attachment A.<sup>1/</sup>

Pursuant to Local Civil Rule 100.4(f), EPA's supplemented administrative record will not be filed using the Court's Electronic Case Filing system. Accordingly, notice also is

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<sup>1/</sup> The United States also is submitting herewith logs of the documents that were excluded from EPA's record. The logs are attached hereto as Attachment B. The United States expressly reserves all defenses to any assertion that any documents listed on the logs should be included in EPA's record. All of the excluded documents are identified as deliberative, and many of those documents also are identified as attorney-client communications and/or as constituting attorney work product. In addition, the logs list some documents (e.g., handwritten notes taken for the sole benefit of the notetaker) that the United States believes should not be considered part of the administrative record in the first instance. EPA listed those documents, in part, to be forthcoming about their existence.

provided that, on March 21, 2008, the United States will send for filing with this Court one DVD containing EPA's supplemented administrative record. A copy of the DVD also is being mailed today to counsel identified on the Certificate of Service.<sup>2</sup>

Respectfully submitted,

RONALD J. TENPAS  
Acting Assistant Attorney General  
Environment & Natural Resources Division

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Attorneys for United States of America

Dated: March 21, 2008

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<sup>2</sup> The United States previously filed with the Court a hard copy of EPA's administrative record. See Docket 133. For the convenience of the Court and the parties, the DVD being sent today contains both: (1) electronic copies of the documents contained in hard copy that were filed previously; and (2) electronic copies of the documents that subsequently were added to EPA's record in accordance with the Court's January 7, 2008 Order.

**CERTIFICATE OF SERVICE**

I hereby certify that on March 21, 2008, I caused a true copy of the foregoing UNITED STATES' NOTICE OF FILING EPA'S ADMINISTRATIVE RECORD AND INDEX (with attachments) to be served on each of the following counsel in the manner indicated below:

Melissa Powers  
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☐ Via Hand Delivery  
☐ Via E-mail  
☐ Via First-Class mail, postage pre-paid  
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/s/ Mark A. Nitzynski  
MARK A. NITCZYNSKI

# ATTACHMENT A

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UNITED STATES DISTRICT COURT  
DISTRICT OF OREGON

NORTHWEST ENVIRONMENTAL  
ADVOCATES, a non-profit corporation,

Plaintiff,

v.

UNITED STATES ENVIRONMENTAL  
PROTECTION AGENCY, NATIONAL MARINE  
FISHERIES SERVICE, and UNITED STATES  
FISH AND WILDLIFE SERVICE,

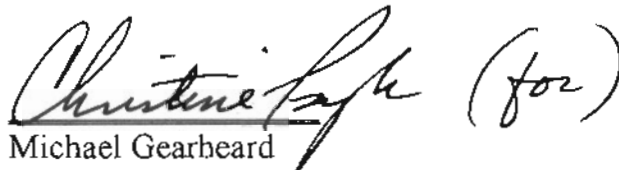
Defendants.

Civ. No. 05-1876-HA

CERTIFIED INDEX TO  
EPA'S SUPPLEMENTED  
ADMINISTRATIVE RECORD

In accordance with this Court's Order of January 7, 2008, the United States Environmental Protection Agency ("EPA") certifies that the materials listed in the attached index constitute the supplemented administrative record for EPA's action on March 2, 2004 to approve revisions to Oregon's water quality standards.

In witness whereof, I have signed this statement on this 19th day of March, 2008 at Seattle, Washington.

A handwritten signature in cursive script that reads "Christine Lyle (for)". The signature is written in black ink and is positioned above the printed name and title of the signatory.

Michael Gearheard  
Director  
Office of Water  
U.S. Environmental Protection Agency  
Region 10  
Seattle, Washington

**EPA REVIEW AND APPROVAL OF  
2003 REVISIONS TO OREGON'S WATER QUALITY STANDARDS  
SUPPLEMENTED ADMINISTRATIVE RECORD INDEX**

DOC. NO.	DATE	DOCUMENT
<b>I. EPA's Approval of Oregon's Revised Uses and Standards Submitted December 2003</b>		
<b>I.A. Approval Action of Oregon's Revised Uses and Standards Submitted December 2003</b>		
1	3/2/04	Letter to Stephanie Hallock, Director, ODEQ, from John Iani, EPA RA, re: Approval of Oregon State Water Quality Standards (OAR 340-041) for Temperature, Inter-Gravel Dissolved Oxygen and Antidegradation  Att. 1: Support Document for EPA's Action Reviewing New or Revised Water Quality Standards for the State of Oregon, March 2, 2004
2	3/2/04	Memorandum to Randy Smith and John Iani, EPA, from Dru Keenan and John Palmer, EPA, re: Recommendation to Approve Oregon's Revised Standards for Temperature, Intergravel Dissolved Oxygen, Natural Background, Anti-degradation Implementation Methods and Beneficial Use Designations for Salmonids  Att. 1: (refer to document 1, attachment 1)
<b>I.B. Oregon's Revised Uses and Standards Submitted December 2003</b>		
3	2/24/04	Letter to Randy Smith, EPA, from Larry Knudsen, Assistant State Attorney General, Natural Resources Section, re: Attorney General Certification of Oregon Water Quality Standards Revisions Adopted December 4, 2003  Att. 1: Oregon Environmental Quality Commission Minutes of the Three Hundredth and Fifteenth Meeting, December 4-5, 2003, Regular Meeting  Att. 2: Secretary of State Certificate and Order for Filing, Permanent Administrative Rules  Att. 3: Administrative Rules
4	2/4/04	Letter to Randy Smith, EPA, from Michael T. Llewelyn, ODEQ, re: Oregon Responses to EPA, Questions re: State's Water Quality Temperature Standards
5	12/19/03	Letter to Randy Smith, EPA, from Michael T. Llewelyn, ODEQ, re: Oregon Responses to EPA Questions re: State's Water Quality Temperature Standards



DOC. NO.	DATE	DOCUMENT
6	12/10/03	<p>Letter to John Iani, EPA, from Stephanie Hallock, ODEQ, re: Oregon Submission of Revisions to the State Water Quality Standards (OAR 340-041) for EPA Review and Approval</p> <p>Att. 1: ODEQ Water Pollution Division 41 Water Quality Standards: Beneficial Uses, Policies, and Criteria for Oregon</p> <p>Att. 2: OAR Chapter 340 Division 41 Tables &amp; Figures:</p> <p>Appendix I</p> <p>Table 20: Water Quality Criteria Summary</p> <p>Table 21: Dissolved Oxygen and Intergravel Dissolved Oxygen Criteria</p> <p>Table 101A: Designated Beneficial Uses Mainstem Columbia River (340-41-0101)</p> <p>Table 101B: Beneficial Uses Mainstem Columbia River</p> <p>Table 121A: Designated Beneficial Uses Mainstem Snake River (340-41-0120)</p> <p>Table 121B: Beneficial Use Designations–Fish Uses Mainstem Snake River</p> <p>Table 130A: Designated Beneficial Uses Deschutes Basin (340-41-0130)</p> <p>Table 140A: Designated Beneficial Uses Goose and Summer Lakes Basin (340-41-0140)</p> <p>Table 140B: Beneficial Use Designations–Fish Uses Goose and Summer Lakes Basin, Oregon</p> <p>Table 151A: Designated Beneficial Uses Grande Ronde Basin (340-41-0151)</p> <p>Table 160A: Designated Beneficial Uses Hood Basin (340-41-0160)</p> <p>Table 170A: Designated Beneficial Use John Day Basin (340-41-0170)</p> <p>Table 180A: Designated Beneficial Uses Klamath Basin (340-41-0180)</p> <p>Table 190A: Designated Beneficial Uses Malheur Lake Basin (340-41-0190)</p> <p>Table 190B: Beneficial Use Designations–Fish Uses Malheur Lake Basin, Oregon</p> <p>Table 201A: Designated Beneficial Uses Malheur River Basin (340-41-0201)</p> <p>Table 220A: Designated Beneficial Uses Mid Coast Basin (340-41-0220)</p> <p>Table 230A: Designated Beneficial Uses North Coast Basin (340-41-0230)</p> <p>Table 250A: Designated Beneficial Uses Owyhee Basin (340-41-0250)</p> <p>Table 250B: Beneficial Use Designations–Fish Uses Owyhee Basin, Oregon</p> <p>Table 260A: Designated Beneficial Uses Powder/Burnt Basin (340-41-0260)</p> <p>Table 271A: Designated Beneficial Uses Rogue Basin (340-41-0271)</p> <p>Table 286A: Designated Beneficial Uses Sandy Basin (340-41-0286)</p> <p>Table 300A: Designated Beneficial Uses South Coast Basin (340-41-0300)</p> <p>Table 310A: Designated Beneficial Uses Umatilla Basin (340-41-0310)</p> <p>Table 320A: Designated Beneficial Uses Umpqua Basin (340-41-0320)</p> <p>Table 330A: Designated Beneficial Uses Walla Walla Basin (340-41-0330)</p> <p>Table 340A: Designated Beneficial Uses Willamette Basin</p> <p>Att. 3: Maps:</p> <p>Figure 130A: Fish Use Designations, Deschutes Basin, Oregon</p> <p>Figure 130B: Salmon and Steelhead Spawning Use Designations,</p>

DOC. NO.	DATE	DOCUMENT
Con't.		<p>Figure 160B: Salmon and Steelhead Spawning Use Designations, Hood Basin, Oregon</p> <p>Figure 170A: Fish Use Designations, John Day Basin, Oregon</p> <p>Figure 170B: Salmon and Steelhead Spawning Use Designations, John Day Basin, Oregon</p> <p>Figure 180A: Fish Use Designations, Klamath Basin, Oregon</p> <p>Figure 201A: Fish Use Designations, Malheur River Basin, Oregon</p> <p>Figure 220A: Fish Use Designations, Mid Coast Basin, Oregon</p> <p>Figure 220B: Salmon and Steelhead Spawning Use Designations, Mid Coast Basin, Oregon</p> <p>Figure 230A: Fish Use Designations, North Coast Basin, Oregon</p> <p>Figure 230B: Salmon and Steelhead Use Designations, North Coast Basin, Oregon</p> <p>Figure 260A: Fish Use Designations, Powder Basin, Oregon</p> <p>Figure 271A: Fish Use Designations, Rogue Basin, Oregon</p> <p>Figure 271B: Salmon and Steelhead Spawning Use Designations, Rogue Basin, Oregon</p> <p>Figure 286A: Fish Use Designations, Sandy Basin, Oregon</p> <p>Figure 286B: Salmon and Steelhead Spawning Use Designations, Sandy Basin, Oregon</p> <p>Figure 300A: Fish Use Designations, South Coast Basin, Oregon</p> <p>Figure 300B: Salmon and Steelhead Spawning Use Designations, South Coast Basin, Oregon</p> <p>Figure 310A: Fish Use Designations, Umatilla Basin, Oregon</p> <p>Figure 310B: Salmon and Steelhead Spawning Use Designations, Umatilla Basin, Oregon</p> <p>Figure 320A: Fish Use Designations, Umpqua Basin, Oregon</p> <p>Figure 320B: Salmon and Steelhead Spawning Use Designations, Umpqua Basin, Oregon</p> <p>Figure 340A: Fish Use Designations, Willamette Basin, Oregon</p> <p>Figure 340B: Salmon and Steelhead Spawning Use Designations, Willamette Basin, Oregon</p>
7	12/10/03	Letter to John Iani, EPA, from Larry Knudsen, Oregon Department of Justice, re: Certification of Water Quality Standard Amendment
8	12/9/03	Secretary of State, Certificate and Order for Filing, Permanent Administrative Rules
9	11/25/03	Memorandum to Environmental Quality Commission, from Stephanie Hallock, re: Additional Materials for Agenda Item D: Water Quality Standards, including Temperature Criteria

DOC. NO.	DATE	DOCUMENT
10	11/13/03	<p>Memorandum to Environmental Quality Commission from Stephanie Hallock, Director, re: Agenda D, Rule Adoption: Water Quality Standards, including Temperature Criteria, OAR Chapter 340, Div. 41, 12/4/03</p> <p>Att. A1: DEQ Water Pollution Division 41 Water Quality Standards: Beneficial Uses, Policies, and Criteria for Oregon</p> <p>Att. A2: DEQ Water Pollution Division 41 State-wide Water Quality Plan; Beneficial Uses, Policies, Standards, and Treatment Criteria for Oregon</p> <p>Att. B: Division 41 Revisions, Response to Public Comments (November 10, 2003)</p> <p>Att. C1: Summary of DEQ's Water Quality Standards, Policy Advisory Committee Discussions on the Temperature Standard</p> <p>Att. C2: Summary of the Discussion and Findings of DEQ's Technical Advisory Committee on Water Quality Criteria for Temperature</p> <p>Att. D: Memorandum to Michael Llewelyn, Water Quality Administrator, from Mark Charles, Presiding Officer, re: Presiding Officer's Report for Public Hearing, Title of Proposal: Rulemaking Proposal—Adoption of OAR 340-041 State Water Quality Standards, Including Temperature Criteria, October 16, 2003</p> <p>Att. E: Relationship to Federal Requirements</p> <p>Att. F: DEQ Chapter 340, Proposed Rulemaking, Statement of Need and Fiscal and Economic Impact</p> <p>Att. G: State of ODEQ Rulemaking Proposal for Water Quality Standards—Temperature and Intergravel Dissolved Oxygen</p> <p>Att. H: Description of the Information and Methods Used to Delineate the Proposed Beneficial Fish Use Designations for Oregon's Water Quality Standards</p>
<b>I.C. Correspondence on Oregon's Revised Standards &amp; Public Process</b>		
11	3/2/04	Letter to Nina Bell, Executive Director, NWEA, re: Revised Oregon Water Quality Standards
12	3/1/04	Detailed Information on Public Process Activities for: April 2003 EPA Regional Temperature Guidance, EPA Proposed Federal Water Quality Standards for Oregon, 2003 Oregon Water Quality Standards Rulemaking
13	2/24/04	<p>Letter to Randy Smith, Director, Office of Water, R10, from Olney Patt, Jr., Columbia River Inter-Tribal Fish Commission, re: Concern over the Review Process of Oregon's Water Quality Standards</p> <p>Att. A: Technical Comments and Concerns</p>

DOC. NO.	DATE	DOCUMENT
14	2/10/04	Electronic letter to Randy Smith, Director, Office of Water, R10, and Michael Crouse, Assistant Regional Administrator, Habitat Conservation Division, National Marine Fisheries Service, from Melissa Powers, Stephanie Parent, Pacific Environmental Advocacy Center
15	12/18/03	Letter to Mr. James L. Connaughton, Chair, Council on Environmental Quality, from John Ledger, Associated Oregon Industry
16	10/3/03	Letter to Ms. Smith, ODEQ, from Nina Bell, NWEA, re: Proposed Revision of Division 41 Water Quality Standards: Beneficial Uses, Policies, and Criteria for Oregon
17	10/3/03	Letter to Emily Smith, ODEQ, from Michael J. Farrow, Director, Confederated Tribe of the Umatilla Indian Reservation
18	10/3/03	Letter to Michael Llewelyn, ODEQ, from Olney Patt, Jr., Columbia River Inter-Tribal Fish Commission, re: Comments on the Revision of Water Quality Criteria for Temperature (OAR Chapter 340, Division 041)  Att. 1: Appendix A: Rule Amendments Made without Notice of Intended Action Att. 2: Appendix B: Technical Comments Att. 3: Appendix C: Proposal for Rectifying Some Problems with the ODEQ Standard Att. 4: Appendix D: Quotations from EPA Regional Guidance
19	10/3/03	Letter to Michael T. Llewelyn, ODEQ, from Randy Smith, EPA, re: Comments on Oregon's Proposed Revisions to OAR Division 41, Water Quality Standards: Beneficial Uses, Policies and Criteria for Oregon
20	10/2/03	Letter to Ms. Emily Smith, ODEQ, from Kemper M. McMaster, USFWS, Portland, OR
21	10/2/03	Letter to Mike Llewelyn, ODEQ, from Michael Tehan, Oregon State Director, Habitat Conservation Division, NOAA
22	8/7/03	Memorandum to Mark Charles and Mike Llewelyn, from Nina Bell, NWEA, re: Temperature Standards
23	8/1/03	Pacific Coast Federation of Fishermen's Associations (PCFFA) and Institute for Fisheries Resources (IFR) Comments to Draft #5 (July 28, 2003), ODEQ Water Pollution Division 41, Water Quality Standards: Beneficial Uses, Policies, and Criteria for Oregon, Prepared by PCFFA and IFR for Oregon ODEQ Staff
24	7/16/03	Electronic letter to Mike Llewelyn, Administrator, Water Quality Division, ODEQ, from Nina Bell, NWEA, re: 1999-2002 Triennial Review of Water Quality Standards: Re-write of Division 41 Rules, Temperature and Turbidity standards
24A	7/28/03	ODEQ's Draft #5 of Water Pollution Division 41 Water Quality Standards: Beneficial Uses, Policies, and Criteria for Oregon (with Nina Bell, NWEA, redline/strikeout comments)

DOC. NO.	DATE	DOCUMENT
24B	7/21/03	ODEQ's Draft #4 of Water Pollution Division 41 Water Quality Standards: Beneficial Uses, Policies, and Criteria for Oregon (with Nina Bell, NWEA, redline/strikeout comments)
24C	6/20/03	Draft Oregon Temperature Criteria, June 20 Version (with Nina Bell, NWEA, redline/strikeout comments)
24D	12/23/03	Email from Mark Charles, ODEQ, to Mary Lou Soscia, EPA, and others re: Existing Natural Conditions
24E	10/8/03	Draft summary of External Comments: Where and When - Data Quality BLM (one page)
24F	10/8/03	Draft Summary of Where and When Comments (Fish Use Maps and Tables)
24G	8/03	Email from Nina Bell, NWEA, to Dru Keenan, EPA, re: Phrasing for Application for Temperature Criterion
24H	8/04/03	Email from Mark Charles, ODEQ, to Nina Bell, NWEA, re: Question
24I	7/22/03	Electronic Letter to Mike Llewellyn, Administrator, ODEQ, from Nina Bell, Director, NWEA, re: 1999 - 2002 Triennial Review of Water Quality Standards; Temperature Water Quality Standards (unsigned)
24J	7/22/03	Email from Mary Lou Soscia, EPA, to Paula Van Haagen, EPA, forwarding: Draft #4 of DEQ Water Pollution Division 41 Water Quality Standards, Beneficial Uses, Policies, and Criteria for Oregon
24K	7/21/03	Memo to Mark Charles, ODEQ, from Nina Bell, NWEA, re: Temperature Standards - July 14, 2003 Draft (5 <sup>th</sup> Set of Comments)
24L	6/25/03	Email to Mary Lou Soscia, EPA, and others, from John Palmer, EPA, re: Quick Feedback on OR Rule for Today's 9AM Call
24M	Undated	Email to Mark (Charles), ODEQ, from Jeff (Lockwood), NOAA, Subject: Alternative Language of Exemptions to the Antidegradation Requirement
24N	Undated	Email to Mark (Charles), ODEQ, Subject: State's Variance Approval
24O	Undated	Email to Mark (Charles), ODEQ, from Paula (Van Haagen), EPA, Subject: Variance Provision in -0061
24P	Undated	Email from Jeff Lockwood, NOAA, to Mark Charles, ODEQ, and others, Subject: Thermal Shock Provision
<b>I.D. Public Comments on EPA's Proposed Rule</b>		
25	11/10/03	Email to Valerie Badon, EPA, from Gary Asbridge, Mt. Hood National Forest, re: Specific Comments on Draft Oregon Water Temperature Rule

DOC. NO.	DATE	DOCUMENT
26	11/10/03	Electronic letter to Valerie Badon, EPA, from Jeff J. Barry, Boise Cascade Corp., re: Boise Cascade Comments Regarding Proposed Change to Oregon Water Quality Standards  Att. 1: Electronic letter to John Palmer, EPA, from William A. Dryden, Boise Cascade Corp, re: Review of Draft EPA Region 10 Guidance for Pacific Northwest State and Tribal Temperature Water Quality Standards (Second Public Review Draft Oct. 10, 2002)
27	11/10/03	Electronic letter to Michael Leavitt, Administrator, U.S. EPA, from Nina Bell, NWEA, on behalf of 74 organizations nationwide re: EPA Promulgation of Oregon Water Quality Standards
28	11/10/03	Electronic letter to Valerie Badon, EPA, from Nina Bell, Executive Director, NWEA,, re: Proposed Part 131 - Oregon Water Quality Standards, 40 CFR 131.39, 68 Fed. Reg. 58758 (Oct. 10, 2003)
29	11/10/03	Letter to Valerie Badon, EPA, from Rick Eichstaedt, Staff Attorney, Nez Perce Tribal Executive Committee, re: Docket No. OW-2003-0068
30	11/10/03	Letter to Valerie Badon, EPA, from Katie Fast, Associate Director of Government Affairs, Oregon Farm Bureau Federation, re: Water Quality Standards for Oregon
31	11/10/03	Electronic letter to Valerie Badon, EPA, from Janet Gillaspie, Executive Director, Oregon Association of Clean Water Agencies, re: Comments on Draft Water Quality Standards for Oregon 40 CFR Part 131
32	11/10/03	Letter to Valerie Badon, EPA, from Allen C. Shewy, Kennedy/Jenks Consultants on behalf of the City of Hermiston, re: Comments on Draft Water Quality Standards for Oregon 40 CFR Part 131 Docket ID No. OW-2003-0068
33	11/10/03	Electronic letter to Valerie Badon, EPA, from Gayle Killam, re: EPA's Draft Rules for Oregon, 40 CFR 131.39
34	11/10/03	Electronic letter to Valerie Badon, EPA, from Jeff Light, Plum Creek Timber Company, re: Review of EPA's Water Quality Standards for Oregon  Att. 1: Letter to Emily Smith, ODEQ, from Jeff Light, Plum Creek Timber Company, re: Plum Creek's Comments on ODEQ's Proposed Changes to Oregon's Water Quality Standard (10/3/03)
35	11/10/03	Letter to Valerie Badon, EPA, from Robert Ramig, Mayor, City of Pendleton, re: Comments on Draft Water Quality Standards for Oregon 40 CFR Part 131, Docket No. OW-2003-0068

DOC. NO.	DATE	DOCUMENT
36	11/10/03	Letter to Valerie Badon, EPA, from John P. Sample, Senior Counsel, Hydro Licensing, re: Comments on the Proposed Water Quality Standards for Oregon  Att. 1: Memo re: Waiver Request for North Fork Diversion Dam, Prospect 1, 2, and 4, and Hydroelectric Project–Net Benefit Analysis  Att. 2: North Umpqua Hydroelectric Project Evaluation Report and Finding
37	11/10/03	Email to Valerie Badon, EPA, from David Bailey for Thompson Creek Mining Company, re: Comments of Thompson Creek Mining Company to the Proposed Water Quality Standards (Temperature) for Oregon for the Protection of Salmonids
38	11/10/03	Letter to Valerie Badon, EPA, from William C. Tiffany, Senior Staff Associate, League of Oregon Cities, re: Comments Regarding Agency's Draft Water Quality Standards for Oregon 40 CFR Part 131
39	11/10/03	Letter to Valerie Badon, EPA, from Richard Wallace, Manager, Water Quality Program, re: WDOE Comments on Draft Water Quality Standards for Oregon
40	11/7/03	Letter to Valerie Badon, EPA, from J. William McDonald, Regional Director, U.S. Dept. of Interior, re: Comments on Proposed Rule, Water Quality Standards for Oregon
41	11/7/03	Letter to Valerie Badon, EPA, from Karen M. Skiles, City of the Dalles, Dept. of Public Works, re: Draft Water Quality Standards for Oregon 40 CFR Part 131
42	11/7/03	Letter to John Iani, EPA, from Olney Patt, Jr. Columbia River Inter-Tribal Fish Commission, re: Comments on EPA's Proposed Rule for Water Quality Standards in the State of Oregon (EPA Oregon Rule)  Att. A: Comments on the Revision of Water Quality Criteria for Temperature (10/3/03) Att. B: Staff Technical Comments
43	11/7/03	Email to Valerie Badon, EPA, from Ivars Steinblums, Mt. Hood National Forest, re: Specific Comments on Draft EPA Water Temperature Rule
44	11/7/03	Electronic letter to Valerie Badon, EPA, from Rosemary Menard, Director, Portland Water Bureau, re: Proposed Rule on Water Quality Standards for Oregon, 40 CFR Part 131
45	11/7/03	Letter to Valerie Badon, EPA, from Frank Tiwari, City of Woodburn, OR, re: City of Woodburn's Comments on Draft Water Quality Standards for Oregon  Att. 1: Pudding River Water Quality Report, TMDL Program, Aug. 1993



DOC. NO.	DATE	DOCUMENT
46	11/6/03	Letter to Valerie Badon, EPA, from Keith Hanson, Vice Chair, Water Quality Committee, Utility Water Act Group, re: Comments of the Utility Water Act Group on Proposed Federal Water Quality Standards for Oregon 68 Fed. Reg. 58,757 (October 10, 2003)
47	11/5/03	Electronic letter to Valerie Badon, EPA, from Pat Larson, Science and Natural Resource Advisor, and Susan Hammond, Water Committee Chair, Oregon Cattlemen's Association, re: Oregon Cattlemen's Association Comments re: Water Quality Standards for Oregon
48	11/5/03	Letter to Valerie Badon, EPA, from Llewellyn Matthews, Executive Director, Northwest Pulp and Paper Association, re: Comments Regarding EPA 10 Proposed Water Quality Rules for the State of Oregon  Att. 1: Northwest Pulp and Paper Association Comments on EPA 10 Proposed Water Quality Standards for the State of Oregon, Amending Federal Regulations to Add 40 CFR 131.39
49	11/5/03	Letter to Valerie Badon, EPA, from Michael J. McCann, Eugene Water and Electric Board, re: Comments on Proposed 40 CFR Part 131, Establishing Water Quality Standards for Oregon
50	11/5/03	Letter to Valerie Badon, EPA, from Paul Wiegand, Regional Manager, National Council for Air and Stream Improvement, Inc. (NCASI), re: Comments on Proposed Water Quality Standards for Oregon  Att. 1: Assessment of the Potential for Warm Effluent from Pulp and Paper Mills to Harm Temperature Sensitive Salmonids, Prepared by Paul Wiegand and Brad Upton (2/21/02)  Att. 2: Effect of Thermal Shock on Vulnerability of Juvenile Salmonids to Predation, Prepared by Charles C. Coutant  Att. 3: Memo to Lleyllen Matthew (NWPPA), Cathy Feole (NWPPA), and Paul Wiegand (NCASI)  Att. 4: Electronic Tags and Related Tracking Techniques Aid in Study of Migrating Salmon and Steelhead Trout in the Columbia River Basin, by Gerald E. Monan, James H. Johnson, and Gordon F. Esterberg  Att. 5: Evaluating Laboratory-Derived Thermal Criteria in the Field: An Example Involving Bonneville Cutthroat Trout, by Amy J. Schrank, Frank J. Rahel, and Helene C. Johnstone  Att. 6: Letter to John Palmer, EPA, from Llewellyn Matthews, Executive Director (unsigned), re: Comments on the Draft EPA Region 10 Guidance for State and Tribal Temperature Water Quality Standards (Public Review Draft, October 2001)



DOC. NO.	DATE	DOCUMENT
51	10/31/03	Letter to Valerie Badon, EPA, from Dr. George Ice, National Council for Air and Stream Improvement, Inc (NCASI). re: Comments Directed at Proposed Water Quality Standards for Oregon Att. 1: Abstract: Use of Natural Temperature Patterns to Identify Achievable Stream Temperature Criteria for Forest Streams Att. 2: Letter to Emily Smith, ODEQ, from Dr. George Ice, NCASI (10/3/03)
52	10/24/03	Transcript: EPA Public Hearing, Proposed Federal Water Quality Standards for Oregon
53	10/23/03	Transcript: EPA Public Hearing, Proposed Federal Water Quality Standards for Oregon
54	10/22/03	Transcript: EPA Public Hearing, Proposed Federal Water Quality Standards for Oregon
<b>I.E. ESA and EFH Consultation on EPA's Approval of Oregon's Revised Standards</b>		
55	3/04	Data Quality Assurance Report: Biological Evaluation of the Revised Oregon Water Quality Standards for Temperature, Intergravel Dissolved Oxygen, and Antidegradation, prepared for EPA by Tetra Tech, Inc.
56	2/25/04	Letter to Randall F. Smith, EPA, from Kemper M. McMaster, USFWS, re: Transmittal of Fish and Wildlife Service Biological Opinion on the Effects of the Proposed Approval by the U.S. EPA of Revised Oregon Water Quality Standards  Att. 1: Fish and Wildlife Service Biological Opinion for EPA's Proposed Approval of Revised Oregon Water Quality Standards for Temperature, Intergravel Dissolved Oxygen, and Antidegradation, February 24, 2004
57	2/24/04	Letter to Michael Tehan, NMFS, from Randall F. Smith, R10, re: Response to Essential Fish Habitat (EFH) Conservation Recommendations Provided by the NMFS as part of the Biological Opinion on EPA's Approval of Revised Water Quality Standards for Oregon
58	2/23/04	Letter to Randall F. Smith, EPA, from D. Robert Lohn, NMFS, re: Biological Opinion on EPA's Proposed Approval of Revised Oregon Water Quality Standards for Temperature, Intergravel Dissolved Oxygen, and Antidegradation Implementation Methods  Att. 1: Endangered Species Act - Section 7 Consultation Biological Opinion and Magnuson-Stevens Fishery Conservation and Management Act Essential Fish Habitat Consultation
59	2/20/04	Email from Elizabeth Materna, USFWS, to Kellie Kubena, EPA Att. 1: Mt. Hood Revised Draft Recovery Plan

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60	2/18/04	Email from Elizabeth Materna, USFWS, to Kellie Kubena, EPA, re: Bull Trout in the McKenzie  Att. 1: Bull Trout Population Monitoring in the McKenzie and Middle Fork Willamette Rivers, Annual Progress Report, 2002, prepared by Jason Seals, Kelly Reis, U.S. Dept. of Energy, Portland, Oregon
61	2/18/04	Email from Elizabeth Materna, USFWS, to Kellie Kubena, EPA, re: Upper McKenzie Redd Survey  Att. 1: Upper McKenzie Redd Count Bull Trout and Chinook 7 October 2003
62	2/18/04	Email from Elizabeth Materna, USFWS, to Kellie Kubena, EPA, re: McKenzie Bull Trout Redd Counts 2003  Att. 1: Counts for Bull Trout Redds in the McKenzie 89-03
63	2/10/04	Letter to Randall F. Smith, Director, Water Division, EPA, from D. Robert Lohn, Regional Administrator, NMFS, re: Draft Biological Opinion on EPA's Proposed Approval of Revised Oregon Water Quality Standard for Temperature, Intergravel Dissolved Oxygen, and Antidegradation Implementation Methods
64	2/4/04	Letter to Michael Tehan, NMFS, and Kemper McMaster, USFWS, from Randall Smith, EPA, re: Transmittal of Biological Evaluation of the Revised Oregon Water Quality Standards  Att. 1: Biological Evaluation of the Revised Oregon Water Quality Standards for Temperature, Intergravel Dissolved Oxygen, and Antidegradation, Amended Final, prepared for USFWS and NMFS by EPA, Region 10
65	1/30/04	Letter to Michael Tehan, NMFS, from Randall Smith, EPA, re: Transmittal of Essential Fish Habitat Assessment of EPA's Approval of Oregon Water Quality Standards  Att. 1: Essential Fish Habitat Assessment of U.S. EPA's Approval of Oregon Water Quality Standards, Prepared for NMFS by EPA Region 10
66	1/20/04	Email from Debra Sturdevant, ODEQ, re: comment on BA - disease, to Dru Keenan, John Palmer, EPA
67	1/13/04	Email between Dru Keenan, EPA, and Elizabeth Materna, USFWS, re: Modoc Sucker

DOC. NO.	DATE	DOCUMENT
68	1/9/04	Letter to Michael Tehan, NMFS, and Kemper McMaster, USFWS, from Randall Smith, re: Transmittal of 12/16/03 Biological Evaluation of the Revised Oregon Water Quality Standards for Temperature, Intergravel Dissolved Oxygen, and Antidegradation  Att. 1: Biological Evaluation of the Revised Oregon Water Quality Standards for Temperature, Intergravel Dissolved Oxygen, and Antidegradation prepared for USFWS and NMFS by EPA, Region 10 December 16, 2003
69	8/29/03	Letter to Mr. Steve G. Ellis, Tetra-Tech, Inc., EPA Contractor, from Michael P. Tehan, NMFS, re: Species List for Consultation on Water Quality Standards for State of Oregon
70	7/23/03	Letter to Mary Lou Soscia, EPA, from Kemper M. McMaster, USFWS, re: Federal Water Quality Standards Project
71	4/31/99	Final Report: Stream Temperature Criteria for Oregon's Lahontan Cutthroat Trout, <i>Oncorhynchus clarki henshawi</i> , by Jason Dunham, University of Nevada
72	1/95	USFWS, Region 1, Recovery Plan for the Lahontan Cutthroat Trout
73	6/11/85	Federal Register/Vol 50, No. 112/Tuesday, June 11, 1985/ Rules and Regulations, Department of the Interior, Fish and Wildlife Service, 50 CFR Part 17, Endangered and Threatened Wildlife and Plants; Determination of Endangered Status and Critical Habitat for the Modoc Sucker, page 24526
74	Undated	US Dept Commerce, NOAA, NWFSC, Tech memo-27: Status Review of West Coast Steelhead
74A	Undated	Proposed Conservation Measures
74B	Undated	EPA Issues for Oregon letter
74C	2/20/04	Email from Dru Keenan, EPA, to Robert Lohn, NMFS, and others, re: Further Extension on Final BiOp from NOAA-Fisheries
74D	2/13/04	Email from Randy Smith, EPA, to Bob Lohn, NMFS, re: Revised Date for NOAA-F Biological Opinion
74E	1/29/04	Email from Jeff Lockwood, NOAA, to Mark Charles, ODEQ, and others, re: DEQ Temperature Letter No. 2
<b>II. EPA PROPOSED RULE AND PREAMBLE</b>		
75	10/10/03	Environmental Protection Agency Proposed Rule and Preamble: Water Quality Standards for Oregon, 40 CFR Part 131

DOC. NO.	DATE	DOCUMENT
76	10/2003	<p>Salmonid Designation Use Maps:</p> <p>Att. 1: Salmonid Use Designations, Deschutes Basin, Oregon</p> <p>Att. 2: Salmon, Steelhead &amp; Bull Trout Spawning through Fry Emergence Use Designations, Deschutes Basin, Oregon</p> <p>Att. 3: Salmonid Use Designations, Grande Ronde Basin, Oregon</p> <p>Att. 4: Salmon, Steelhead &amp; Bull Trout Spawning through Fry Emergence Use Designations, Grande Ronde Basin, Oregon</p> <p>Att. 5: Salmonid Use Designations, Hood Basin, Oregon</p> <p>Att. 6: Salmon, Steelhead &amp; Bull Trout Spawning through Fry Emergence Use Designations, Hood Basin, Oregon</p> <p>Att. 7: Salmonid Use Designations, John Day Basin, Oregon</p> <p>Att. 8: Salmon, Steelhead &amp; Bull Trout Spawning through Fry Emergence Use Designations, John Day Basin, Oregon</p> <p>Att. 9: Salmonid Use Designations, Klamath Basin, Oregon</p> <p>Att. 10: Salmonid Use Designations, Mid-Coast Basin, Oregon</p> <p>Att. 11: Salmon &amp; Steelhead Spawning through Fry Emergence Use Designations, Mid-Coast Basin, Oregon</p> <p>Att. 12: Salmonid Use Designations, North Coast Basin, Oregon</p> <p>Att. 13: Salmon &amp; Steelhead Spawning through Fry Emergence Use Designations, North Coast Basin, Oregon</p> <p>Att. 14: Salmonid Use Designations, Powder and Malheur Basins, Oregon</p> <p>Att. 15: Salmonid Use Designations, Rogue Basin, Oregon</p>

DOC. NO.	DATE	DOCUMENT
cont'd.	10/2003	<p>Att. 16: Salmon &amp; Steelhead Spawning through Fry Emergence Use Designations, Rogue Basin, Oregon</p> <p>Att. 17: Salmonid Use Designations, Sandy Basin, Oregon</p> <p>Att. 18: Salmon &amp; Steelhead Spawning through Fry Emergence Use Designations, Sandy Basin, Oregon</p> <p>Att. 19: Salmonid Use Designations, South Coast Basin, Oregon</p> <p>Att. 20: Salmon &amp; Steelhead Spawning Through Fry Emergence Use Designations, South Coast Basin, Oregon</p> <p>Att. 21: Salmonid Use Designations, Umatilla/Walla Walla Basin, Oregon</p> <p>Att. 22: Salmon, Steelhead &amp; Bull Trout Spawning Through Fry Emergence Use Designations, Umatilla/Walla Walla Basin, Oregon</p> <p>Att. 23: Salmonid Use Designations, Umpqua Basin, Oregon</p> <p>Att. 24: Salmon &amp; Steelhead Spawning Through Fry Emergence Use Designations, Umpqua Basin, Oregon</p> <p>Att. 25: Salmonid Use Designations, Willamette Basin, Oregon</p> <p>Att. 26: Salmon, Steelhead &amp; Bull Trout Spawning Through Fry Emergence Use Designations, Willamette Basin, Oregon</p>
77	10/2003	EPA Fact Sheet: Oregon Water Quality Standards
77A	10/10/03	Email from Mary Lou Soscia, EPA, to John Iani, EPA, and others, re: Federal Oregon Water Quality Standards Proposed Today October 10, 2003 - (attached 10/9/03 fact sheet at #77 A.R.)
<b>III. GENERAL BACKGROUND DOCUMENTS</b>		
78	9/29/03	Letter to Michael Llewelyn, ODEQ, September 29, 2003, re: Disapproval Decision
79	9/5/03	Letter to Randall Smith, EPA, from Michael Llewelyn, ODEQ, re: Spawning in Columbia River
80	8/13/03	<i>Northwest Environmental Advocates v. EPA &amp; NMFS</i> , Final Judgment, August 13, 2003
81	7/14/03	<i>Northwest Environmental Advocates v. EPA &amp; NMFS</i> , Opinion and Order, July 14, 2003. re: Motion for Further Injunctive Relief
82	6/11/03	<i>Northwest Environmental Advocates v. EPA &amp; NMFS</i> , Opinion and Order, June 11, 2003. re: Motion for Clarification
83	3/31/03	<i>Northwest Environmental Advocates v. EPA &amp; NMFS</i> , 268 F.Supp.2d 1255 (D. Or., Mar. 31, 2003). Re: Summary Judgment

DOC. NO.	DATE	DOCUMENT
84	11/00	U.S. EPA, Ambient Aquatic Life Water Quality Criteria for Dissolved Oxygen (Saltwater): Cape Cod to Cape Hatteras, Office of Water, Office of Science and Technology and Office of Research and Development, National Health and Environmental Effects Research Laboratory EPA-822 R- 00-012
85	7/22/99	Letter to Michael Llewelyn, ODEQ, from Randall Smith, EPA, July 22, 1999, re: EPA Approval of Oregon Water Quality Standards Adopted on January 11, 1996
86	7/21/99	Memorandum to Randy Smith, EPA, from Dru Keenan, EPA, re: Recommended Action
87	7/7/98	Federal Register/Tuesday, July 17, 1998, Water Quality Standards Regulation; Proposed Rule, 40 CFR Part 131
88	2/19/98	Letter to Gary R. Mitchell, Kansas Department of Health and Environment, from U. Gale Hutton, EPA, February 19, 1998, re: Kansas Water Quality Standards  Att.1: Enclosure A, National Toxics Rule Criteria
89	11/5/97	Memorandum to Water Management Division Directors, Regions 1-10, and State and Tribal Water Quality Management Program Directors, from Tudor T. Davies, Office of Science and Technology, re: Establishing Site Specific Aquatic Life Criteria Equal to Natural Background
90	6/95	ODEQ 1992-1994 Water Quality Standards Review, Dissolved Oxygen Final Issue Paper
91	8/94	U.S. EPA Water Quality Standards Handbook, EPA-823-B94005a Att.1: Appendixes, EPA-823-B94005b. 1994
92	11/8/93	U.S. EPA, 1983, 48 Federal Register, pgs. 51400, 51411
93	3/91	U.S. Environmental Protection Agency, Technical Support Document for Water Quality-based Toxics Control, EPA 505/2-90-001
94	1986	U.S. EPA Quality Criteria for Water, EPA 440/5-86-001, 1986, Temperature Section
95	1972	Water Quality Criteria 1972 A Report of the Committee on Water Quality Criteria, Environmental Studies Board, National Academy of Sciences. U.S. Environmental Protection Agency. EPA.R3.73, pg. i-xvii &151-171
<b>IV. FEDERAL and STATE USE DESIGNATIONS AND TEMPERATURE CRITERIA</b>		
<b>Time and Place Designations-Technical References</b>		
96	10/03	A Salmon Anchor Habitat Strategy for the Tillamook and Clatsop State Forests, October 2000
97	9/25/03	Email from Elizabeth Materna, USFWS, to EPA, September 25, 2003. re: Bull Trout Spawning Criteria

DOC. NO.	DATE	DOCUMENT
98 disc	9/16/03	Oregon Department of Fish and Wildlife Database for Fish Distribution, compact disc
99	7/03	ODEQ Bull Trout Habitat Designation Report: Technical Work Group Recommendations, Final (July 2003)
100	11/29/02	Dept. of the Interior, Proposed Designation of Critical Habitat for the Klamath River and Columbia River Distinct Population Segments of Bull Trout and Notice of Availability of the Draft Recovery Plan <u>Spawning and Juvenile Rearing</u> , 67 Fed. Reg. 71236, November 29, 2002
101	2/26/02	Oregon Department of Fish and Wildlife, 1:24K Fish Habitat Distribution Development Project Procedures Manual
102	3/01	Ecotrust Salmon Restoration Program, Method and Justification for Whole-basin Snorkel Counts, Charles Dewberry, March 2001
102A	no date	Brief Description of Field Technique; Conducting a Whole-basin Snorkel Count
102B	7/03	DRAFT: Development and Application of Anchor Habitat Approaches to Salmon Conservation: A Synthesis of Data and Observations from the Siuslaw Watershed, Coastal Oregon. T.C. Dewberry, Ph.D. Restoration Ecologist, Ecotrust July 2003
103	9/93	Rieman, B. E. and McIntyre, J. D. 1993. Demographic and Habitat Requirements for Conservation of Bull Trout, Ogden, UT, U.S. Department of Agriculture, Forest Service, Intermountain Research Station
<b>Temperature Guidance and References</b>		
104	4/03	U.S. EPA Region 10 Guidance for Pacific Northwest State and Tribal Temperature Water Quality Standards, April 2003, EPA 910-B-03-002
105	1/03	Simpson, Manette. 2003. Temperature Study in the John Day River Basin for 2001, Final
106	2003	Ebersole, Joseph L., Liss, William J., and Frissell, Christopher A. 2003. Thermal Heterogeneity, Stream Channel Morphology, and Salmonid Abundance in Northeastern Oregon Streams, Canadian Journal of Fisheries & Aquatic Science, Vol. 60. 2003
107	12/02	Washington Department of Ecology (WDOE). December 2002. Evaluating Standards for Protecting Aquatic Life in Washington's Surface Water Quality Standards, Temperature Criteria, Draft Discussion Paper and Literature Summary
108	9/19/02	Myrick, Christopher A., et al. Sept. 19, 2002. Bull Trout Temperature Thresholds Peer Review Summary
109	7/9/02	U.S. EPA Proposed Recommendations, July 9, 2002
110	7/3/02	U.S. EPA Bull Trout Peer Review Questions, July 3, 2002

DOC. NO.	DATE	DOCUMENT
111	2002	Chapman, D. W. 2002. Review of Proposed Regional Temperature Criteria, Report to Idaho Department of Environmental Quality, Contract Number C165, BioAnalysts, Inc.
112	2002	Idaho Department of Environmental Quality (IDEQ). 2002. Dissenting Opinion on Biological Threshold Numbers Proposed by Regional Temperature Criteria Development Technical Workgroup
113	2002	Johnson, L. Sherri, et al. Dec. 3, 2002. Summary of Scientific Peer Review Discussion Concerning US EPA Region 10 Guidance for Stream Temperature Water Quality Standards
114	2000	ODEQ. 2000. Upper Grande Ronde River Sub-basin, TMDL
115	2002	McCullough, D. and Spaulding, S. June 27, 2002. Multiple Lines of Evidence for Determining Upper Optimal Temperature Thresholds for Bull Trout
116	11/30/01	Dunham, J., Rieman, B., and Chandler, G. 2001. Development of Field-based Models of Suitable Thermal Regimes for Interior Columbia Basin Salmonids, Interagency Agreement #00-IA-11222014-521, Final Report to EPA Region 10
117	10/01	U.S. EPA Issue Paper 3: Spatial and Temporal Patterns of Stream Temperature, Prepared as Part of EPA Region 10 Temperature Water Quality Criteria Guidance Development Project, EPA-910-D-01-003, Oct. 2001
118	8/21/01	Snyder, Eric B. and Stanford, Jack A., 2001. Review and Synthesis of River Ecological Studies in the Yakima River, Washington, with Emphasis on Flow and Salmon Habitat Interactions, Final Report
119	8/01	U.S. EPA Technical Synthesis: Scientific Issues Relating to Temperature Criteria for Salmon, Trout, and Char Native to the Pacific Northwest: A Summary Report Submitted to the Policy Workgroup of the EPA Region 10 Water Temperature Criteria Guidance Project, EPA-910-D-01-007
120	6/01	Bauer, Stephen B. and Ralph, Stephen C. 2001. Strengthening the Use of Aquatic Habitat Indicators in Clean Water Act Programs, Fisheries Vol. 26, no. 6
121	5/01	U.S. EPA Issue Paper 1: Salmonid Behavior and Water Temperature, Prepared as Part of EPA Region 10 Temperature Water Quality Criteria Guidance Development Project, EPA-910-D-01-001, May 2001
122	5/01	U.S. EPA Issue Paper 2: Salmonids Distribution and Temperature, Prepared as Part of EPA Region 10 Temperature Water Quality Criteria Guidance Development Project, EPA-910-D-01-002, May 2001
123	5/01	U.S. EPA Issue Paper 4: Temperature Interaction, Prepared as Part of EPA Region 10 Temperature Water Quality Criteria Guidance Development Project, EPA-910-D-01-004, May 2001



DOC. NO.	DATE	DOCUMENT
124	5/01	U.S. EPA Issue Paper 5: Summary of Technical Literature Examining the Physiological Effects of Temperature on Salmonids, Prepared as Part of EPA Region 10 Temperature Water Quality Criteria Guidance Development Project, EPA-910-D-01-005, May 2001
125	2001	Haas, R. Gordon. 2001. The Mediated Associations and Preferences of Native Bull Trout and Rainbow Trout with Respect to Maximum Water Temperature, Its Measurement Standards, and Habitat
126	2001	Selong, J. H., McMahon, T.E., Zale, A. V., and Barrows, F. T. 2001. Effect of Temperature on Growth and Survival of Bull Trout, with Application of an Improved Method for Determining Thermal Tolerance in Fishes. Transactions of the American Fisheries Society, 130:1026-1037
127	2001	Welsh, H. Hartwell, et al. 2001. Distribution of Juvenile Coho Salmon in Relation to Water Temperatures in Tributaries of the Mattole River, California, North American Journal of Fisheries Management 21:464-470, 2001
128	2001	Ebersole, J.L., Liss, W.J., and Frissell, C.A. 2001. Relationship between Stream Temperature, Thermal Refugia and Rainbow Trout <i>Oncorhynchus mykiss</i> Abundance in Arid-land Streams in the Northwestern United States, Ecology of Freshwater Fish. 2001
129	2001	Poole, Geoffrey C. and Berman, Cara H. 2001. An Ecological Perspective on In-Stream Temperature: Natural Heat Dynamics and Mechanisms of Human-Caused Thermal Degradation, Environmental Management Vol. 27, No. 6, pp787-802
130	2000	Bartholow, J. M. 2000. Estimating Cumulative Effects of Clearcutting on Stream Temperatures, from Journal Rivers 7(4):284-297
131	2000	Independent Scientific Group. 2000. Return to the River 2000: Restoration of Salmonid Fishes in the Columbia River Ecosystem, Chapters 1, 3, 5, 7, NWPPC 2000-12, Northwest Power Planning Council, Portland, OR
132	2000	Sullivan, K., Martin, D. J., Cardwell, R.D., Tolls, J. E., and Duke, S. 2000. An Analysis of the Effects of Temperature on Salmonids of the Pacific Northwest with Implications for Selecting Temperature Criteria Sustainable Ecosystems Institute, Portland, OR
133	2000	Washington Department of Fish and Wildlife and Point No Point Treaty Tribes. 2000. Summer Chum Salmon Conservation Initiative, An Implementation Plan to Recover Summer Chum in the Hood Canal and Strait of Juan de Fuca Region
134	4/13/99	Dunham, J. 1999. Stream Temperature Criteria for Oregon's Lahontan Cutthroat Trout <i>Oncorhynchus clarki henshawi</i> - Final Report, prepared for ODEQ, Portland, OR
135	1999	Coutant, C. Charles. 1999. Perspectives on Temperature in the Pacific Northwest's Fresh Waters, prepared for the EPA, Region 10, Oak Ridge National Laboratory, ORNL/TM-1999/44

DOC. NO.	DATE	DOCUMENT
136	1999	McCullough, Dale A. 1999. A Review and Synthesis of Effects of Alterations to the Water Temperature Regime on Freshwater Life Stages of Salmonids, with Special Reference to Chinook Salmon, prepared for the EPA, Region 10, Columbia River Inter-Tribal Fish Commission
137	1999	Torgersen, Christian E., Price, David M. 1999. Multiscale Thermal Refugia and Stream Habitat Associations of Chinook Salmon in Northeastern Oregon
138	6/98	NMFS. 1998. Factors Contributing to the Decline of Chinook Salmon: An Addendum to the 1996 West Coast Steelhead Factors for Decline Report. Protected Resources Division, Portland, Oregon
139	1997	Lee, D.C., Sedell, J. R., Rieman, B.E., Thurow, R.F., Williams, J. E. 1997. BROADSCALE ASSESSMENT OF AQUATIC SPECIES AND HABITATS. Pp. 1058-1496. In: T. M. Quigley and S. J. Arbelbide, eds. An Assessment of Ecosystem Components in the Interior Columbia Basin and Portions of the Klamath and Great Basins, U.S. Forest Service General Technical Report PNW-GTW-405, Portland, OR
140	1997	Myers, J. M., et al., West Coast Chinook Salmon Biological Review Team, 1997, Status Review of Chinook Salmon from Washington, Oregon, California and Idaho under the U.S. Endangered Species Act, U.S. Dept. of Commerce, NOAA Tech. Memo, NMFS-NWFSC-35
141	1997	Oregon Coastal Salmon Restoration Initiative - Final Plan. 1997. Chapter 17B, Section 1, Water Quality, Oregon Plan for Salmon and Watersheds
142	12/96	U.S. EPA NPDES Permit Writers' Manual. 1996. EPA-833-B-96-003
143	9/10/96	Independent Scientific Group. 1996. Return to the River: Restoration of Salmonid Fishes in the Columbia River Ecosystem
144	1/8/96	Bishop, S., and Morgan, A. (eds). 1996. Critical Habitat Issues by Basin for Natural Chinook Stocks in the Coastal and Puget Sound areas of Washington State, Northwest Indian Fisheries Commission, Olympia, WA 105pp. (Available from Northwest Indian Fisheries Commission, 6730 Martin Way E, Olympia, WA 98506)
145	1996	NMFS. 1996. Factors for Decline, A Supplement to the Notice of Determination for West Coast Steelhead under the Endangered Species Act, Protected Resources Branch, Portland, Oregon
146	1995	ODEQ. 1995. 1992-1994 Water Quality Standards Review, Temperature Final Issue Paper
147	1991	Berman, C.H. and Quinn, T.P. 1991. Behavioural Thermoregulation and Homing by Spring Chinook Salmon, <i>Oncorhynchus tshawytscha</i> (Walbaum), in the Yakima River, Journal of Fish Biology (1991)39, 301-312
148	1991	Matthews, G. M. and Waples, R. S. 1991. Status Review for Snake River Spring and Summer Chinook Salmon, U.S. Dept. of Commerce, NOAA Tech. Memo. NMFS F/NWC-200

DOC. NO.	DATE	DOCUMENT
149	2/85	Theurer, F. D., Lines, I., and Nelson, T. 1985. Interaction between Riparian Vegetation, Water Temperature, and Salmonid Habitat in the Tucannon River, Water Resources Bulletin, 21(1):53-64
150	1973	Coutant, C. Charles. 1973. Effect of Thermal Shock on Vulnerability of Juvenile Salmonids to Predation, Journal of Fisheries Research, Board of Canada, 30(7)-965-973
151	undated	Poole, Geoff. Types of Thermal Variability. Presentation to the Policy Committee of EPA's Temperature Project
152	undated	Ebersole, Joe. Thermally Heterogeneous Habitat for Northeast Oregon Stream Fishes. U.S. EPA National Health and Environmental Effects Research Laboratory, Western Ecology Division, Corvallis, OR
153	undated	Li, Hiram W., et al. Collaborative Research: Hydrolic, Geomorphic and Ecological Connectivity in Columbia River Watersheds: Implications for Endangered Salmonids. Jan. 1, 1996 - December 31, 1999
154	undated	Temperature Data Illustrating Thermal Variation around 7DADM Metric
<b>V. Intergravel Dissolved Oxygen</b>		
<b>. Technical References</b>		
155	1993	Maret, T. R., Burton, T. A., Harvey, G. W., and Clark, W. H. 1993. Field Testing of New Monitoring Protocols to Assess Brown Trout Spawning Habitat in an Idaho Steam, No. Amer. J. of Fisheries Mgmt. 13:567-580
156	1987	Chapman, D. W. and McLeod, K.P. 1987. Development of Criteria for Fine Sediment in the Northern Rockies Ecoregion, Final Report EPA, contract No. 68-01-6986. EPA910/9-87-162
157	1987	Rombough, P. J. 1987. Growth, Aerobic Metabolism, and Dissolved Oxygen Requirements of Embryos and Alevins of Steelhead, <i>Salmo gairdneri</i> , Can. J. Zool. 66: 651-660
158	1986	Rombough, P. J. 1986. Mathematical Model for Predicting the Dissolved Oxygen Requirements of Steelhead ( <i>Salmo gairdneri</i> ) Embryos and Alevins in Hatchery Incubators, Aquaculture 59:119-137
159	4/86	U.S. EPA. 1986. Ambient Water Quality Criteria for Dissolved Oxygen (Freshwater), Office of Water Regulations and Standards, Criteria and Standards Division, EPA 440/5-86-003
160	1985	Sowden, T. K. and Power, G. 1985. Prediction of Rainbow Trout Embryo Survival in Relation to Groundwater Seepage and Particle Size of Spawning Substrates. Trans. Am. Fish. Soc. 114:804-812
161	1985	Carson, K. A. 1985. A Model of Salmonid Egg Respiration. MS Colorado State University, Fort Collins, CO

DOC. NO.	DATE	DOCUMENT
162	1983	Reiser, D. W. and White, R. G. 1983. Effects of Complete Redd Dewatering on Salmonid Egg-Hatching Success and Development of Juvenile, Trans. Amer. Fish. Soc. 112:532-540
163	6/81	Hollender, B. A. 1981. Embryo Survival, Substrate Composition, and Dissolved Oxygen in Redds of Wild Brook Trout. M. S. Thesis, Univ. of Wisconsin
164	1980	Turnpenny, A. W. H. and Williams, R. 1980. Effects of Sedimentation on The Gravels of an Industrial River System, J. Fish. Biol. 17:681-693
165	1980	Carlson, A. R., Blocher, J., and Herman, L. J. 1980. Growth and Survival of Channel Catfish and Yellow Perch Exposed to Lowered Constant and Diurnally Fluctuating Dissolved Oxygen Concentration, Progressive Fish-Culturist, 42:73-78
166	1974	Carlson, A. R., and Siefert, R.E. 1974. Effects of Reduced Oxygen on the Embryos and Larvae of Lake Trout ( <i>Salvelinus namaycush</i> ) and Largemouth Bass ( <i>Micropterus salmoides</i> ), J. Fish Res. Bd., Canada, 31:1393-6
167	1974	Carlson, A. R. and Herman, L.J. 1974. Effects of Lowered Dissolved Oxygen Concentrations on Channel Catfish ( <i>Ictalurus punctatus</i> ) Embryos and Larvae, Trans. Amer. Fish. Soc. 103:623-6. In Welch, E.B. 1980. Ecological Effects of Waste Water, Cambridge: Cambridge University Press
168	1969	Mason, J. C. 1969. Hypoxial Stress Prior to Emergence and Competition Among Coho Salmon Fry. J. Fish. Res. Board Can. 26:63-91
169	1965	Brannon, E. L. 1965. The Influence of Physical Factors on the Development and Weight of Sockeye Salmon Embryos and Alevins, International Pacific Salmon Fisheries Commission, No. 12
170	1962	Phillips, R. W. and Campbell, H. J. 1962. The Embryonic Survival of Coho Salmon and Steelhead Trout as Influenced by Some Environmental Conditions in Gravel Beds, 14 <sup>th</sup> . Annual Rept. Pac. Mar. fish. Comm., Portland OR. pp60-73
171	1961	Coble, D. W. 1961. Influence of Water Exchange and Dissolved Oxygen in Redds on Survival of Steelhead Trout Embryos, Trans. Am. Fish. Soc. 90(4)
<b>VI. Antidegradation Implementation Plan</b>		
172	2003	Proposed Rule for ODEQ, Water Pollution, Division 41, Water Quality Standards: Beneficial Uses, Policies, and Criteria for Oregon, August, 2003
173	11/14/02	Federal Register: Proposed Rule for Kentucky, 67 FR 68,971 (Nov. 14, 2002)

DOC. NO.	DATE	DOCUMENT
174	3/01	State of Oregon: Antidegradation Policy Implementation Internal Management Directive for NPDES Permits and Section 401 Water Quality Certifications, March 2001
175	2001	<i>American Wildlands v. Browner</i> , 260 F.3d 1192, 1198 (10 <sup>th</sup> Cir. 2001)
176	11/00	<i>American Wildlands v. Browner</i> , 260 F.3d 1192, 1198 (10 <sup>th</sup> cir). Brief for Federal Defendants-Appellees
177	1993	Federal Register: Water Quality Guidance for the Great Lakes System and Correction; Proposed Rules (GLI) 58 FR 20802, April 16, 1993
178	8/85	Questions and Answers on Antidegradation, Aug. 1985; Appendix A to Chapter 2 - General Program Guidance (antidegradation) of the Water Quality Standards Handbook, Dec. 1983
179	1976	<i>Appalachian Power Company v. Train</i> , 545 F.2d 1351, 1373 (4 <sup>th</sup> Cir. 1976)
180	undated	Supplementary Information Document for the Final Great Lakes Guidance, Chapter VII at 203-225, 207-210
<b>VII. Alternative Regulatory Approaches and Implementation Mechanisms</b>		
<b>Heat Load and Thermal Plume Provisions</b>		
181	4/03	Mebane, Christopher and Essig, Don. Idaho Department of Environmental Quality, Concepts and Recommendations for Using the "Natural Condition" Provisions of the Idaho Water Quality Standards, Measurable Changes Section, pp. 14-18, April 2003
182	7/99	Water Quality Monitoring Technical Guide Book, Oregon Plan for Salmon and Watersheds, July 1999
183	5/91	Monitoring Guidelines to Evaluate Effects of Forestry Activities on Streams in the Pacific Northwest and Alaska, EPA/910/9-91-001, May 1991
184	7/21/03	Memorandum to Water Division Directors, Reg. 1 -10, from Diane Regas, Office of Wetlands, Oceans, and Watersheds, re: Guidance for 2004 Assessment, Listing and Reporting Requirements Pursuant to Sections 303(d) and 305(b) of the Clean Water Act; TMDL-01-03
185	4/91	Guidance for Water Quality-Based Decisions: The TMDL Process, EPA 440-4-91-001, April 1991
<b>VIII. Tribal Consultation</b>		
<b>Guidance and Correspondence</b>		
186	8/28/03	Letter to Dean Adams, Chair, Burns Paiute Tribe General Council, from L. John Iani, Region 10 RA, re: Coordination and Consultation on Oregon Federal Water Quality Standards, August 28, 2003
187	8/28/03	Letter to Fred Auch, Chair, Shoshone-Bannock Tribes of Fort Hall, from L. John Iani, Region 10 RA, re: Coordination and Consultation on Oregon Federal Water Quality Standards, August 28, 2003

DOC. NO.	DATE	DOCUMENT
188	8/28/03	Letter to Ronald Brainard, Chair, Confederated Tribes of Coos, Lower Umpqua and Suislaw, from L. John Iani, Region 10 RA, re: Coordination and Consultation on Oregon Federal Water Quality Standards, August 28, 2003
189	8/28/03	Letter to Gary Burke, Chair, Confederated Tribes of the Umatilla Indian Reservation, from L. John Iani, Region 10 RA, re: Coordination and Consultation on Oregon Federal Water Quality Standards, August 28, 2003
190	8/28/03	Letter to Allan Foreman, Chair, The Klamath Tribe, from L. John Iani, Region 10 RA, re: Coordination and Consultation on Oregon Federal Water Quality Standards, August 28, 2003
191	8/28/03	Letter to Anthony D. Johnson, Chair, Nez Perce Tribe of Idaho, from L. John Iani, Region 10 RA, re: Coordination and Consultation on Oregon Federal Water Quality Standards, August 28, 2003
192	8/28/03	Letter to Cheryle Kennedy, Chair, Confederated Tribes of the Grand Ronde, from L. John Iani, Region 10 RA, re: Coordination and Consultation on Oregon Federal Water Quality Standards, August 28, 2003
193	8/28/03	Letter to Edward Metcalf, Chair, Coquille Indian Tribe, from L. John Iani, Region 10 RA, re: Coordination and Consultation on Oregon Federal Water Quality Standards, August 28, 2003
194	8/28/03	Letter to Olney Patt, Jr., Chair, Confederated Tribes of Warm Springs, from L. John Iani, Region 10 RA, re: Coordination and Consultation on Oregon Federal Water Quality Standards, August 28, 2003
195	8/28/03	Letter to Delores Pigsley, Chair, Siletz Tribal Council, from L. John Iani, Region 10 RA, re: Coordination and Consultation on Oregon Federal Water Quality Standards, August 28, 2003
196	8/28/03	Letter to Sue Shaffer, Chair, Cow Creek Band of Umpqua Indians, from L. John Iani, Region 10 RA, re: Coordination and Consultation on Water Quality in Oregon
197	8/28/03	Letter to Ross Sockzehigh, Chair, Yakima Indian Nation, from L. John Iani, Region 10, RA, re: Coordination and Consultation on Oregon Federal Water Quality Standards, August 28, 2003
198	7/16/01	U.S. EPA, Region 10, Tribal Consultation Framework, July 16, 2001
<b>IX. Temperature Guidance and References – Additional Documents</b>		
199	4/2003	EPA Region 10 Temperature Guidance, Overview, April 2003, Slide Presentation (pagination added)

DOC. NO.	DATE	DOCUMENT
200	2/2004	Poole, Geoffrey C., Dunham, Jason B., Keenan, Druscilla M., et al. February 2004. The Case for Regime-based Water Quality Standards <u>54</u> ,No.2, Bioscience
<b>X. State Use Designations and Temperature Criteria – Additional Documents</b>		
201	5/27/03	Life Stage Timing Criteria, Definitions, and Questions. Oregon Department of Fish and Wildlife
202	5/27/03	Fish Habitat Distribution Development Project, Primary Data Products - Description and Major Attributes. Natural Resources Information Management Program, Oregon Department of Fish and Wildlife
203	9/10/03	Email from Elizabeth Materna, USFWS, to Dru Keenan, EPA, re: Spawning Times in the Pine River Basin
204	12/15/03	Email from Debra Sturdevant, ODEQ, to Dru Keenan, EPA, and Elizabeth Materna, USFWS, re: Lahontan Cutthroat
205	2/2/04	Email from Mary Lou Soscia, EPA, to John Palmer, EPA, re: Columbia River Spawning
206	2/2/04	Email from Mary Lou Soscia, EPA, to John Palmer, EPA, re: Chum Spawning in the Columbia
207	2/2/04	Email from Mary Lou Soscia, EPA, to Adrienne Allen, EPA, and others, re: OR Standard Team Weekly Call with Agenda
208	1/2/04	Email from Debra Sturdevant, ODEQ, to Dru Keenan, EPA, re: Seasonal Variation
209	1/13/04	Email from Mary Lou Soscia, EPA, to Adrienne Allen, EPA, re: OR Standard Team Weekly Call with Agenda
210	1/20/04	Email from Debra Sturdevant, ODEQ, to Dru Keenan, EPA, John Palmer, EPA, re: EPA Final Report
211	12/19/03	Email from Dru Keenan, EPA, re: Additional References
212	12/17/03	Email from Dru Keenan, EPA, to Elizabeth Materna, USFWS, and others re: Oregon Clarification Letter
213	12/16/03	Email from Elizabeth Materna, USFWS, to John Palmer, EPA, and others, re: Oregon Clarification Letter; 12/15/03 Draft Conservation Measures, attached
214	12/4/03	Email from Dru Keenan, EPA, to Elizabeth Materna, USFWS, re: Decision Rules
215	11/20/03	Email from Dru Keenan, EPA, to Elizabeth.Materna, USFWS, re: What I have So Far (on Bull Trout)



DOC. NO.	DATE	DOCUMENT
216	11/03	Email amongst Dru Keenan, EPA, Jeff Lockwood, NOAA, Debra Sturdevant, ODEQ, re: Protection of Cold Water Narrative
217	11/0503	Email from Dru Keenan, EPA, to Debra Sturdevant, ODEQ, and others, re: Conference Call for Map Issues
218	11/03	Email amongst Jeff Lockwood, NOAA, Dru Keenan, EPA, Debra Sturdevant, ODEQ, Elizabeth Materna, USFWS, and others, re: Map Issues
219	11/3/03	Draft Map: Critical Period Fish Use Designations Mid Coast Basin, Oregon
220	11/3/03	Email from Elizabeth Materna, USFWS, to Dru Keenan, EPA, and others re: Key Unresolved (Map) Issues
221	11/3/03	Email from Debra Sturdevant, ODEQ, to Jeff Lockwood, NOAA, and others, re: Key Unresolved (Map) Issues
222	11/3/03	Email from Jeff Lockwood, NOAA, to Debra Sturdevant, ODEQ, and others, re: Citation (for Salmon on Oregon Coast)
223	11/3/03	Email from Debra Sturdevant, ODEQ, to Robert Anderson, NOAA, and others, re: Ecotrust Data
224	10/31/03	Email from Dru Keenan, EPA, to John Palmer, EPA, and others, re: Notes from 10/28 - Key Unresolved Issues; Draft Meeting Notes 10/28/03, attached
225	10/28/03	Agenda for Where and When Team Meeting, re: Finalization of Where and When Maps; Draft Temperature Graphs; Draft Summary of Comments on Fish Use Maps (Oct, 2003), attached
226	10/27/03	Email from Dru Keenan, EPA, to Debra Sturdevant, ODEQ, and others, re: Final Notes from 10/14 Where & When Meeting
227	10/24/03	Email from Chris Mebane, NOAA, to Jeff Lockwood, NOAA, and others, re: Fall Chinook Spawning/Incub Temperature Designation
228	10/8/03	Email from Debra Sturdevant, ODEQ, to Dru Keenan, EPA, re: Where and When Meeting with Draft Agenda 10/14/03, attached
229	9/9/03	Memo to File from Dru Keenan, EPA, re: Spawning Dates for Bull Trout Located on Spawning Grounds Below Reservoirs
230	8/03	Email amongst Elizabeth Materna, USFWS, Debra Sturdevant, ODEQ, Tracy Harrison, ODEQ, re: Bull Trout Temperature Designation
231	8/11/03	Email from Don Essig, ODEQ, to Mary Lou Soscia, EPA, and others, re: A Comparison of Existing Standards (Idaho and Oregon)
232	8/7/03	Email from Bill Bogue, EPA, to Chris Mebane, NOAA, Debra Sturdevant, ODEQ, Dru .Keenan, EPA, Elizabeth Materna, USFWS, re: All of the Draft Spawning Maps for EPA Basins; Map of Deschutes Basin, attached
233	8/6/03	Email from John Palmer, EPA, to Dru Keenan, EPA, and others, re: Final Draft of Where/When Decision Rules 8/6/03 (attached)



DOC. NO.	DATE	DOCUMENT
234	8/6/03	Emails amongst Elizabeth Materna, USFWS, Debra Sturdevant, ODEQ, and Dru Keenan, EPA, re: Bull Trout Spawning Below Dams
235	8/5/03	Final Draft of Decision Rules to Designate Pacific Salmon and Bull Trout Beneficial Uses in Oregon
236	8/5/03	Email from Jeff Lockwood, NOAA, to Tracy Harrison, ODEQ, and others, re: Willamette Run Timing
237	8/5/03	Table: Status of Data Collection for EPA Uses and Criteria
238	8/1/03	Email from Debra Sturdevant, ODEQ, to Chris Mebane, NOAA, and others, re: Title and Legends for Draft Maps
239	7/31/03	Final Draft of Decisions Rule to Designate Salmonid and Bull Trout Beneficial Uses Using ODFW Distribution Maps and Data, ODEQ Bull Trout Report, USFWS Draft Critical Habitat Designation
240	7/03	Email amongst Debra Sturdevant, ODEQ, Chris Mebane, NOAA, William Bogue, EPA, John Palmer, EPA, Dru Keenan, EPA, Robert Anderson, NOAA, Jeff Lockwood, NOAA, Rick Kepler, ODFW, Elizabeth Materna, USFWS, re: Mapping Decisions
241	7/31/03	Email from Debra Sturdevant, ODEQ, to Chris Mebane, NOAA, and others, re: Resident Species
242	7/30/03	Meeting notes from Where and When Conference Call
243	7/29/03	Email from Mary Lou Soscia, EPA, to others, re: OR Standard Promulgation Team Conference Call with Agenda
244	7/28/03	Decision Rules for Mapping Salmonid Uses, Revision
245	7/25/03	Email from Debra Sturdevant, ODEQ, to John Palmer, EPA, and others, re: New Spawning Proposal
246	7/25/03	Email from Cedric Cooney, ODFW, to Bill Bogue, EPA, Chris Mebane, NOAA, Debra Sturdevant, ODEQ, Dru Keenan, EPA, re: Response to Questions from the July 15-16 Where/When Meeting, Responses and Questions, attached
247	7/25/03	Email from Debra Sturdevant, ODEQ, to Bill Bogue, EPA, John Palmer, EPA, and others, re: Bull Trout Proposal
248	7/23/03	Email from John Palmer, EPA, to Chris Mebane, NOAA, and others, re: New Spawning Proposal
249	7/22/03	Email from Bill Bogue, EPA, to Debra Sturdevant, ODEQ, and others, re: Deschutes Bull Trout Summer Max (with 2 Deschutes maps attached)
250	7/22/03	Email from Debra Sturdevant, ODEQ, to Bill Bogue, EPA, and others, re: Bull Trout Spawning Mapping & Assigning Values to Diversions
251	7/22/03	Email from Bill Bogue, EPA, to Debra Sturdevant, ODEQ, and others, re: Draft Results for Umatilla/Walla Walla with New Bull Trout Data

DOC. NO.	DATE	DOCUMENT
252	7/22/03	Email from Debra Sturdevant, ODEQ, to John Palmer, EPA, and Dru Keenan, EPA, re: More Summer Max
253	7/22/03	Email from Debra Sturdevant, ODEQ, to John Palmer, EPA, and others, re: Map Titles/Legends
254	7/22/03	Email from Chris Mebane, NOAA, to Debra Sturdevant, ODEQ, and others, re: Bull Trout Files with John Day Map, attached
255	7/22/03	Fax from Mary Lou Soscia, EPA, to John Palmer, EPA, Dru Keenan, EPA, Jeff Lockwood, NOAA, Elizabeth Materna, USFWS, Mark Morris, EPA, forwarding "Summary of Historic Temperature Conditions in the Willamette River," by Stuart W. McKenzie, July 2003
256	7/21/03	Email from Emily Smith, ODEQ, to Chris Mebane, NOAA, and others, re: Bull Trout Files.
257	7/21/03	Email from Bill Bogue, EPA, to Chris Mebane, NOAA, and others, re: John Day and Rogue Maps (4 attached maps for Rogue and John Day Basin)
258	7/21/03	Email from Tracy Harrison, ODEQ, to Dru Keenan, EPA, and others, re: North Coast Spawning Map Version 3
259	7/17/03	Email from Tracy Harrison, ODEQ, to Dru Keenan, EPA, and others, re: Sandy and North Coast Spawning Maps Version 2
260	7/16/03	Email from Mary Lou Soscia, EPA, to others, re: OR Standard Promulgation Weekly Conference Call with Agenda
261	7/14/03	Oregon Water Quality Standard Promulgation Schedule Update #6
262	7/8/03	Email from Mary Lou Soscia, EPA, re: OR Standard Promulgation Weekly Conference Call with Agenda; July 2003 Promulgation Schedule, attached
263	7/8/03	Oregon Proposed Temperature Rule Work Session Agenda
264	7/1/03	Email from Mary Lou Soscia, EPA, to others, re: OR Standard Promulgation Team Weekly Conference Call with Agenda; July 2003 Promulgation Schedule, attached
265	7/03	Where and When Workgroup Meeting Notes/Decision for July 15 and 16
266	7/11/03	Email from Dru Keenan, EPA, to Cedric Cooney, ODFW, and Chris Mebane, NOAA, re: Decision Rules Justifications/Assumptions to Date; Decision Rule Assumptions, attached
267	7/10/03	Email from Dru Keenan, EPA, to Cedric Cooney, ODFW, and others, re: Meeting of the Where & When Team July 15 & 16 with Agenda
268	7/2/03	Email from Elizabeth Materna, USFWS, to Dru Keenan, EPA, and John Palmer, EPA, Debra Sturdevant, ODEQ, re: Bull Trout Spawning Below Reservoirs
269	6/30/03	Draft Outline for Biological Assessment (BA)

DOC. NO.	DATE	DOCUMENT
270	6/27/03	Decision Rules for Mapping Salmonid Uses, Revision
271	6/27/03	Email from Dru Keenan, EPA, to Cedric Cooney, ODFW, and others, re: Revised Decision Rules with 6/27/03 Draft Rules, attached
272	6/26/03	Revised Decision Rules for Mapping Salmonid Uses
273	6/26/03	Email from Debra Sturdevant, ODEQ, to John Palmer, EPA, and others, re: Indicator for Core Rearing Waters
274	6/25/03	Proposed Decision Rules (Revised Draft by Jeff Lockwood, NOAA)
275	6/20/03	Preliminary Decision and Remaining Issues for Oregon WQS Promulgation Working Draft
276	6/20/03	Preliminary Umpqua River Sub Basin Stream Temperature Criteria Designation
277	6/19/03	Email from John Palmer, EPA, to Cedric Cooney , ODFW, and others, re: John Day Table with 6/19/03 Table, attached
278	6/19/03	Email from Dru Keenan, EPA, to John Palmer, EPA, re: Revised Decision Rules for Where & When
279	6/19/03	Decision Rules for Mapping Salmonid Uses
280	6/18/03	Email from Elizabeth Materna, USFWS, re: Bull Trout Below Dams
281	6/18/03	Email from Debra Sturdevant, ODEQ, to Dru Keenan, EPA, re: Decision Rules Comments
282	6/18/03	Proposed Decision Rules (revised)
283	6/18/03	Email from Dru Keenan, EPA, to Cedric Cooney, ODFW, and others, re: Revised Decision Rules for Where and When with Proposed Decision Rules, attached
284	6/17/03	John Day Beneficial Use Table
285	6/13/03	Email from Dru Keenan, EPA, to Cedric Cooney, ODFW, and others, re: Meeting Notes with June 12, 2003 Meeting Notes, attached
286	6/10/03	Agenda for Where and When Meeting June 10 & 11, 2003, with attached Umpqua Basin Map, Tillamook Bay June 2001 graph, and Grand Ronde Basin Table
287	5/03	Where and When Workgroup Notes from May 27 & 28 <sup>th</sup> Meeting
288	5/30/03	Umpqua R - Scottsburg and above - Anadromous Species Charts
289	5/30/03	Umpqua Bay and Smith Estuary - Anadromous Species Chart
290	5/30/03	North Umpqua River below Soda Springs Dam - Anadromous Species Charts

DOC. NO.	DATE	DOCUMENT
291	5/27/03	Email from Mary Lou Soscia, EPA, to others, re: OR Standard Promulgation Team Weekly Conference Call with Agenda
292	5/27/03	Life Stage Timing Criteria, Definitions & Questions (from ODFW)
293	5/21/03	Email from John Palmer, EPA, to Jeff Lockwood, NOAA, and others, re: Agenda for Where/When Meeting 5/27-28 with attachments: 1) 5/27 & 5/28 Draft Agenda 2) Options/Recommendation for OR WQS Revision 5/13/03 3) Trail Map for Use Designations-5/16/03 4) Life Stage Distribution & Timing charts - Draft 5/19/03
294	5/15/03	Email from Mary Lou Soscia, EPA, to others, re: OR Standard Promulgation Team Weekly Conference Call with Agenda
295	5/9/03	Oregon Standard Promulgation Update
296	5/6/03	Options/Recommendations for Oregon Temperature WQS Revisions to Meet the Court Order
297	5/6/03	Meeting with Oregon - "Oregon Standards 2004" with Agenda
298	Undated	References for Where and When Work with Description of References
299	Undated	Email between Ed Backus and Jeff Lockwood, NOAA, re: Fish Counts and Field Techniques
300	Undated	Email between Jeff Lockwood, NOAA, and others, re: Fish Use in the Lower Willamette
301	Undated	Email from Debra Sturdevant, ODEQ, to others, re: Spawning Dates in the TMDL
302	Undated	Email from NOAA - Fisheries, re: spawning dates
303	Undated	Email from Elizabeth (Materna), USFWS, to John (Palmer), EPA, re: Whether a Separate Spawning Criteria for Bull Trout is Necessary
304	Undated	Email regarding references to Tables and Figures in Oregon Rules
305	Undated	Umatilla/Walla Walla Basin Mapping Notes on Summer Max
306	Undated	Email between Dru (Keenan), EPA, and Elizabeth (Materna), USFWS, re: Spawning Time in the Pine River System
307	Undated	Email to Dru (Keenan), EPA, re: References for Critical Habitat
308	Undated	Email between Dru (Keenan), EPA, and Debra (Sturdevant), ODEQ, re: Lahontan Cutthroat Trout Habitat
309	Undated	Email from Cedric Cooney, ODFW, to others, re: Spreadsheets with 'Lines of Evidence'; Spreadsheets, attached
310	Undated	Email between Jeff (Lockwood), NOAA, and Debra Sturdevant, ODEQ, re: Rearing Delineations

DOC. NO.	DATE	DOCUMENT
311	8/02	Email from Joe Ebersole, EPA, to Jeff (Lockwood), NOAA; re: Thermal Diversity
312	12/14/01	Arscott, David B., Tockner, Klement, Ward, J.V. Thermal Heterogeneity along a Braided Floodplain River (Tagliamento River, Northeastern Italy)
313	7/15/01	Dunham, J.B. and Chandler, G.L. Models to Predict Suitable Habitat for Juvenile Bull Trout in Washington State, Final Report
314	no date	Ebersole, Joseph L., Liss, William J., Frissell, Christopher A. Coldwater Patches in Warm Streams: Physicochemical Characteristics and the Influence of Shading
314a	7/14/03	3 <sup>rd</sup> Draft: DEQ Water Pollution, Division 41, Beneficial Uses, Policies, Standards, and Treatment Criteria for Oregon
314b	2/10/04	Email from Kellie Kubena, EPA, to Marylou Soscia, EPA, Elizabeth Materna, USFWS et. al, re: Bull trout spawning below dams
314c	9/11/03	Draft BA for EPA's Promulgation WQ Standards for Oregon with comments by Elizabeth Materna, USFWS
314d	10/6/03	Final Draft BA, with comments by Elizabeth Materna, USFWS
314e	11/3/03	Draft Final: Analysis of Effects with 12/16/03 - 12/18/03 comments
314f	7/30/03	Email to Elizabeth Materna, USFWS, et al, from Dru Keenan, EPA, re: Spawning Rules Version II
314g	8/12/03	Draft outline for Proposed Preamble
314h	8/18/03	Draft Biological Assessment with handwritten notes
314i	8/19/03	Email between staff re: draft effects analysis of chinook salmon
314j	10/17/03	Email to Elizabeth Materna, et al, from Dru Keenan re: Comments on 10/6/03 Draft of BA
314k	10/21/03	Email to Elizabeth Materna, et al, from Dru Keenan re: Notes for Conference call on BA for OR Proposed Rule
314L	11/17/03	Notes from conference call re: OR's draft Temperature Standard and ESA Items
314m	12/19/03	Email to Jeff Lockwood, et al, from Dru Keenan, re: Completion of BA of OR's Temperature Standard

**Abbreviations:**

Bureau of Rec.: Bureau of Reclamation

EFH: Essential Fish Habitat

EPA: Environmental Protection Agency

ESA: Endangered Species Act

IFA: Institute for Fisheries Resources

NMFS: National Marine Fisheries Service

NOAA: National Oceanic Atmospheric Administration

NPDES: National Pollutant Discharge Elimination System

NWEA: Northwest Environmental Advocates

NWFSC: Northwest Fisheries Science Center

NWPPC: Northwest Power Planning Council

ODEQ (or DEQ): Oregon Department of Environmental Quality

ODFW: Oregon Department of Fish and Wildlife

PCFFA: Pacific Coast Federation of Fishermen's Association

RA: Regional Administrator

R10: EPA Region 10

TMDL: Total Maximum Daily Load

USACOE: U.S. Army Corps of Engineers

USFWS: U.S. Fish and Wildlife Service

WDOE: Washington Department of Ecology

**EPA REVIEW AND APPROVAL OF  
2003 REVISIONS TO OREGON'S WATER QUALITY STANDARDS  
SUPPLEMENTED ADMINISTRATIVE RECORD INDEX**

DOC. NO.	DATE	DOCUMENT
<b>Documents Underlying the Development of the Temperature Guidance</b>		
<b>1999</b>		
315	4/14/99	Water Quality Standard for Temperature Diagrams (3)
316	6/21/99	Draft: EPA Regional Temperature Criteria Development
317	9/1/99	Letter to Gary Passmore, Colville Confederated Tribes, from James Werntz, EPA, re: EPA Regional Temperature Criteria Development Project
318	9/3/99	Letter to Chris Gannon, Water and Soil, from James Werntz, EPA, re: EPA Regional Temperature Criteria Development Project
319	9/10/99	Letter to Paul Lumley, CRITFC, from James Werntz, EPA, re: EPA Regional Temperature Criteria Development Project
320	9/9/99	Draft Agenda for Joint Meeting of the Policy Work Group and Technical Work Group Regional Temperature Criteria Development Project
321	10/6/99	Draft Agenda for Joint Meeting of the Policy Work Group and Technical Work Group Regional Temperature Criteria Development Project
322	10/18/99	Article for Water Talk: Water Quality Standard for Temperature to Protect Salmon by Dru Keenan, EPA
323	10/21/99	Proposed Agenda for Technical Workgroup Meeting for NMFS Attachments Att. 1: Regional Temperature Criteria Development Project Handouts Att. 2: Meeting notes from Temperature Criteria Development Project Technical Workgroup Meeting Att. 3: Handwritten notes of Initial Meeting of Regional Temperature Criteria Development Project Att. 4: Meeting notes from Temperature Criteria Development Project Policy Workgroup
324	10/26/99	Email train to Dru Keenan, EPA and Geoffrey Poole, EPA, from Mike McIntyre, DEQ, and Cheryl Flood, DEQ, re: Literature from Dr. McCullough
325	11/23/99	Document from Nez Perce Tribe re: Issue regarding their interest in the Regional Temperature Criteria Development Project
326	11/24/99	Letter to Randall Smith, EPA, from Kris Holm, Association of Washington Business, re: Proposed R10 Stream Temperature Criteria-Technical and Policy Workgroups

DOC. NO.	DATE	DOCUMENT
327	11/30/99	Agenda for Temperature Criteria Development Project, Technical Workgroup Attachments Att. 1: Goal Statements Att. 2: Timeline for Regional Temperature Criteria Development Project Att. 3: Endangered Species Act Status of West Coast Salmonids Att. 4: Idaho, Oregon, and Washington map (2) Att. 5: Summary of Preliminary Draft Temperature Criteria Recommendations for the State of Washington Att. 6: Idaho Water Quality Temperature Standard/Criteria Att. 7: Memo to Technical Workgroup members from Jeff Lockwood, NOAA, re: Copy of Presentation from 11/30/99 meeting Att. 8: USFWS Findings in the Biological Opinion: May Affect Calls Att. 9: Draft Outline for Development of Draft "Issue Papers" Att. 10: Meeting Notes and Action Items
<b>2000</b>		
328	1/5/00	Email to Mike McIntyre, DEQ, John McMillan, and Shelley Spalding, FWS, cc: Dru Keenan, EPA, from Jeffrey Lockwood, NOAA, re: Draft outline for "Distribution" issue paper
329	1/6/00	Email to Dru Keenan, EPA, and Geoffrey Poole, EPA, from Debra Sturdevant, DEQ re: Issue papers
330	1/7/00	Email to Dru Keenan, EPA, cc: Marcia Lagerloef, EPA, from Mark (mhic) ECY, WA, re: Issue papers suggestions
331	1/7/00	Email to Geoffrey Poole, EPA, cc: Dru Keenan, EPA, Cara Berman, EPA, Lisa Macchio, EPA, Don Martin, EPA, from Dale McCullough, CRITFC, re: Regional Temperature
332	1/7/00	Email to Dru Keenan, EPA, cc: Elizabeth Materna, FWS, Susan Burch, FWS, Mike Donahoo, FWS, and Sally Sauter, USGS, from Rob Brassfield, FWS, re: Issue papers
333	1/7/00	Email to Geoffrey Poole, EPA, Dru Keenan, EPA, and Jim Petersen, USGS, from Sally Sauter, USGS, re: Issue papers
334	1/11/00	Email to Dru Keenan, EPA, from Jeffrey Lockwood, NOAA re: Issue papers
335	1/20/00	Email to Dru Keenan, EPA, et al, from Rob Brassfield, re: discussion of Issue Papers
336	2/3/00	Agenda: Conference Call with State Water Directors, Temperature Criteria Development Project
337	2000	EPA Bulletin: Developing Pacific Northwest Water Quality Temperature Criteria Guidance



DOC. NO.	DATE	DOCUMENT
338	2/3/00	<p>Agenda: Temperature Criteria Development Project, Technical Workgroup</p> <ul style="list-style-type: none"> <li>- Email to workgroup from Geoffrey Poole, EPA, re: Feb 3<sup>rd</sup> Temperature Tech Meeting</li> <li>- Email to workgroup from Dru Keenan, EPA, re: Agenda for Feb 3<sup>rd</sup> Meeting</li> <li>- Overarching themes listing</li> <li>- Diagram of the relationship among the 6 key issues by G. Poole</li> <li>- Draft: Summary outlines with handwritten notes</li> <li>- Meeting summary: Regional Temperature Project</li> </ul>
339	2/8/00	Email to Geoffrey Poole, et al, from Mark re: Time of Conference Call
340	3/2/00	Email summary from Jason Dunham re: Development of Temperature criteria and handwritten notes
341	3/2/00	Timeline of the Regional Temperature Criteria Development Project
342	3/4/00	Email to Dru Keenan, EPA, from Debra Sturdevant, DEQ, re: Agenda for Policy Workgroup Mtg, Plus...
343	3/7/00	<p>Agenda: Temperature Criteria Development Project, Technical Workgroup and handwritten notes</p> <ul style="list-style-type: none"> <li>-Technical Workgroup contact list as of 03/13/00</li> <li>-Technical Workgroup contact list as of 03/13/00 with corrections</li> <li>-USGS Bulletin: Oregon District Active Projects re: water temp in small streams</li> <li>-Conditions for Success list</li> <li>-Temperature Technical Workgroup Meeting Brainstorm list</li> <li>-Draft: Outline of historic distribution Issue Paper</li> <li>-Draft: Issue Paper re: Temperature Interaction with Multiple Stressors</li> <li>-Patterns of Temperature fluctuation in the natural environment: relevance to water quality standards</li> <li>-Temperature Criteria Tech Workgroup Flipchart notes</li> <li>-Meeting Summary, Regional Temperature Project</li> </ul>
344	3/6/00	Draft List of Issues for Elevation to Policy Workgroup by Technical Workgroup

DOC. NO.	DATE	DOCUMENT
345	3/8/00	<p>Agenda: Temperature Criteria Development Project Policy Workgroup</p> <ul style="list-style-type: none"> <li>-Draft agenda: Temperature Criteria Development Project Policy Workgroup</li> <li>-Email to John Palmer, EPA, from Dru Keenan, EPA, re: Admin. Assistants for Policy Workgroup with handwritten notes</li> <li>-Policy Workgroup Members contact list</li> <li>-Email to workgroup from Randy Smith, EPA, re: March 8 Temperature Project Policy Meeting</li> <li>-Temperature Project Policy Meeting, outreach discussion</li> <li>-Temperature Policy Meeting policy document</li> <li>-Temperature Workgroup Outreach Discussion</li> <li>-Temperature Workgroup Outreach Discussion: Framework of Outreach Strategy</li> <li>-Letter to Kris Holm, Association of Washington Business, from Randy Smith, EPA, re: Background of NW Regional Temperature Criteria Development Project</li> <li>Att. 1: Letter from Kris Holm to Randy Smith re: Proposed R10 Stream Temperature Criteria</li> <li>-Draft: list of issues for elevation to policy workgroup</li> </ul>
346	3/13/00	Email to Dru Keenan, EPA, from John Risley, USGS, re: Temperature criteria business
347	3/24/00	<p>Overarching Themes: Concerns, Fears, Challenges, Opportunities by Geoffrey Poole</p> <p>-EPA's Strategy for Addressing Concerns/Fears/Challenges</p>
348	3/27/00	Letter to Kris Holm, Association of Washington Business, from Randall Smith, EPA, re: response to concerns
349	3/27/00	Email to Dru Keenan, EPA, from Shelley Spalding re: Potential contractors
350	2/28/00	Email from R. Smith to Policy Workgroup re: Policy Workgroup Meeting
351	3/30/00	<p>Agenda: Temperature Criteria Development Plan</p> <p>Attachments</p> <p>Att.1: Goal Clarification Discussion</p> <p>Att. 2: Meeting Summary</p>
352	4/4/00	<p>Agenda: Temperature Criteria Development Project Technical Workgroup with handwritten notes</p> <ul style="list-style-type: none"> <li>-Draft: graph chart of Steelhead and Chinook increases with handwritten notes</li> <li>-Draft Timeline: Temperature Criteria Development Project with handwritten notes</li> <li>-Draft: Public Notice with handwritten notes</li> <li>-Draft: Concerns and Action Plan handout with handwritten notes</li> <li>-Final Draft: Tech Workgroup Role and Process Agreement with handwritten notes</li> <li>-Flip chart notes from Technical Workgroup Meeting</li> <li>-Meeting Summary</li> </ul>

DOC. NO.	DATE	DOCUMENT
353	4/14/00	Email to Dru Keenan, EPA, Geoffrey Poole, EPA, from Debra Sturdevant, DEQ, re: May meeting Attachment Att. 1: Email train between Dru Keenan, EPA, Debra Sturdevant, DEQ, et al, re: Agenda for Two Days in May
354	4/17/00	Request for Information Notice by Dru Keenan.
355	4/17/00	EPA Fact Sheet: Developing Pacific NW Water Quality Temperature Criteria Guidance
356	4/20/00	Letter to James Petersen, USGS, from Randy Smith, EPA, re: EPA's Regional Temperature Criteria Guidance Project
357	4/27/00	Region 10 Temperature Criteria Guidance Development Project
358	5/1/00	Email to Sally Sauter, USGS, from Dru Keenan, EPA, re: Letter of Support
359	5/1/00	Email to Dru Keenan, EPA, from Debra Sturdevant, DEQ, re: Draft Agenda for Review
360	5/2/00	Email to Sherri Johnson, from Geoffrey Poole, EPA, re: Stream Temperature review - peer review panel
361	5/2/00	Email train between Dru Keenan, EPA, Debra Sturdevant, DEQ, et al, re: Draft Agenda for Review with handwritten notes
362	5/3/00	Email to Sherri Johnson, Dru Keenan, EPA, from Geoffrey Poole, EPA, re: Stream Temperature Review-peer review panel
363	5/4/00	Narrative Description of the Tasks on the Timeline for Temperature Project
364	5/9/00	Letter to Phil Roger, CRITFC, from Randall Smith, EPA , re: EPA's Regional Temperature Criteria Guidance Project Attachment Att. 1: Letter to Dennis Lynch, U.S. Geological Survey, from Randy Smith, EPA, re: EPA's Regional Temperature Criteria Guidance Project
365	5/10/00	Concerns and Actions Plan by Dru Keenan
366	5/10/00	Email to Dru Keenan, EPA, et al, from Geoffrey Poole, EPA, re: Reminder
367	5/15/00	Draft: Temperature Interaction Tech Summary -Behavioral Technical Summary -Temperature and Salmonid Distributions -Physiological Effects-Abstract and Introduction -Email to John Risley, USGS, from Geoffrey Poole, EPA, re: tech summary
368	5/19/00	Email to Dru Keenan, EPA, from Geoffrey Poole, EPA, re: Draft Ideal Characteristics Attachment Att. 1: Goal Statement and Technical Interpretation and Ideal Characteristics of a Temperature Criteria

DOC. NO.	DATE	DOCUMENT
369	5/23/00	Letter to David Mabe, IDEQ, from W. Greg Nelson, Idaho Farm Bureau Federation, re: request for public records
370	5/24/00	Email to Dru Keenan, EPA, from Jason Dunham, USFS , re: Draft Ideal Characteristics
371	5/25/00	<p>Agenda: Temperature Criteria Development Project Tech Workgroup</p> <ul style="list-style-type: none"> <li>-Message to workgroup re: attached agenda and instructions</li> <li>-Email to workgroup from Dru Keenan, EPA, re: Draft Ideal Characteristics</li> <li>-Goal Statement and Tech Interpretation; Ideal Characteristics of a Temperature Criteria dates 05/19/00, edited with handwritten notes</li> <li>-Goal Statement and Tech Interpretation and Ideal Characteristics of a Temperature Criteria with handwritten notes</li> <li>-Goal Statement and Tech Interpretation and Ideal Characteristics of a Temperature Criteria from Jeff Lockwood</li> <li>-chart of Spring Chinook Temperature Requirements</li> <li>-chart of Combined Lethality Data for All Salmonid Species</li> <li>-Questions to Prompt Conversation on the Physiological Effects Draft</li> <li>-Flip Chart notes</li> <li>-Meeting Summary</li> </ul>
372	6/2/00	Email from Dru Keenan, EPA, to Clinton Shock, Oregon State University (ORST), re: Water Temperature Standards
373	6/2/00	Email from Clinton Shock, ORST, to Dru Keenan, EPA, re: Feasibility of water quality standards
374	6/7/00	<p>Agenda Regional Temperature Criteria Guidance Project Policy Workgroup Meeting</p> <ul style="list-style-type: none"> <li>-Email from Dru Keenan, EPA, to Workgroup, re: June 6<sup>th</sup> Meeting and handwritten notes</li> <li>-handout: Physiological Effects Abstract and handwritten notes</li> <li>-handout: Ideal Characteristics and handwritten notes</li> <li>-Ideal Characteristics Handout</li> <li>-Ideal Characteristics Handout with handwritten notes</li> <li>-Goal Statement and Technical Interpretation &amp; Ideal Characteristics (Jeff's)</li> <li>-Letter to David Mabe, IDEQ, from W. Greg Nelson, Idaho Farm Bureau Federation</li> <li>-Meeting Summary for 06/06/00</li> </ul> <p>Attachment Att. 1: Goal Statement and Technical Interpretation</p>
375	6/7/00	Email from Dale, CRITFC, to Dru Keenan, EPA re: yesterday's meeting
376	6/7/00	<p>Draft: Agenda Regional Temperature Criteria Guidance Project Policy Workgroup Meeting with handwritten notes</p> <ul style="list-style-type: none"> <li>-Policy Workgroup handwritten notes</li> </ul>
377	6/9/00	Memo to Sherri Johnson from Dru Keenan, EPA, re: Partial Responses to the notice for Request for Information on Temperature
378	6/12/00	Summary: Bull Trout GIS Project

DOC. NO.	DATE	DOCUMENT
379	6/12/00	Information for Farm Bureau by Dru Keenan, EPA
380	6/13/00	Letter to Randy Smith, EPA, from James Petersen, USGS, re: availability of Sally Sauter for Regional Temperature Criteria Guidance project with handwritten notes
381	6/21/00	Goal Statement, Dale
382	6/22/00	Email to Dru Keenan, EPA, et al, from Elizabeth Materna, USFWS, re: Goal Statement and Technical Interpretation
383	6/27/00	Agenda for Regional Temperature Criteria Guidance Project Policy Workgroup Meeting -Northwest Temperature Criteria Guidance Development Project Timeline -Status Report for the Technical Workgroup with handwritten notes -Draft -Meeting Summary for 6/27/00 -Att. 1: Meeting Summary for 3/30/00 -Att. 2: Expected Outcomes of Project -Att. 4: Public Workshops and Example Agenda with handwritten notes
384	7/2000	Recommendations of the Governors of (Northwest Region) for the Protection and Restoration of Fish in the Columbia River Basin
385	7/6/00	Agenda: Temperature Criteria Development Project Technical Workgroup Meeting -Email from Sherri Johnson, ORST, to Dru Keenan, EPA, re: temperature peer review panel -Peer Review Panel for EPA R10 Stream Temperature Criteria -Technical Charge for Peer Review -Technical Information Submitted for Peer Review (table) with handwritten notes -Goal Statement and Technical Interpretation -Ideal Characteristics for Technical Meeting -Endorsed Ideal Characteristics -Agenda with handwritten notes -Flip Chart Notes -Meeting Summary
386	7/7/00	Responses to EPA R10 request for information and studies relevant to Temperature, Salmonid and water quality
387	7/12/00	Email to Dru Keenan, EPA, et al, from Geoffrey Poole, EPA, re: Straw for conference call Attachment Att. 1: Email to Geoffrey Poole, EPA, et al, from Debra Sturdevant, DEQ, re: Goal Statement and Technical Briefing
388	7/19/00	Email to Dru Keenan, EPA, et al, from Jeff Lockwood, NOAA, re: New Tools?
389	7/20/00	Email to Dru Keenan, EPA, from Jeffrey Lockwood, NOAA, re: New Tools?

DOC. NO.	DATE	DOCUMENT
390	7/24/00	Email to Dru Keenan, EPA, from Jason Dunham, USFS, re: August Meeting Dates
391	7/20/00	Email to Dru Keenan, EPA, et al, from Jeffrey Lockwood, NOAA , re: Tech. Interpretation & Revised Goal Attachment Att. 1: Proposed Revision for Project Goal Statement
392	7/21/00	Summary of Peer Review Panel's review of technical issue papers
393	9/25/02	Email from Dru Keenan, EPA, providing latest draft of temperature guidance to HQ
394	7/24/00	Email to Dru Keenan, EPA, et al, from Jeffrey Lockwood, NOAA, re: Take Assurances for Temperature Project
395	7/26/00	Distribution Thresholds as a Tool for Designing Water Quality Standards, by Geoffrey Poole, EPA
396	7/26/00	Email Jeff Lockwood, NOAA, from Jason Dunham, re: August Presentation
397	7/27/00	Spatio-Temporal Presentation by Geoffrey Poole, EPA
398	7/27/00	Email to Dru Keenan, EPA, from Sherri Johnson, re: other Cvs
399	07/27/00	Draft: Pacific Northwest Temperature Criteria Guidance Project Expected Outcomes of Project
400	7/31/00 8/1/00	Agenda for Temperature Criteria Development Project Technical Workgroup Meeting and handwritten notes -Graph: Site-specific biological standards are insufficient -Summary of Peer Review Panel's review of technical issue papers -Instructions for Finalizing Technical Issue Summaries -Visual Salmonid Population handout -Population Level Characteristics -Proposed Revision for Project Goal Statement and Technical Interpretation and handwritten notes -Goal and Technical Interpretation -Proposed Revision for Project Goal Statement -Development of conceptual models -Map & handout: Level III Ecoregions -Combined Critical Factors for Temperature Criteria -Flip Chart Notes -compilation of letters, responses to call for papers given to Tech group by Peer Review Panel -Meeting Summary -Policy Goal attachment with handwritten notes

DOC. NO.	DATE	DOCUMENT
401	8/2/00	<p>Agenda: Regional Temperature Criteria Guidance Project Policy Workgroup Mtg</p> <ul style="list-style-type: none"> <li>-Pacific Northwest Temperature Criteria Guidance Project, Proposed Revised Goal Statement and handwritten notes</li> <li>-Pacific Northwest Temperature Criteria Guidance Project, Expected Outcomes Draft and handwritten notes</li> <li>-Goals: Policy Goal, Technical Goal, and Interpretation of Technical Goal with handwritten notes</li> <li>-Quick Comparison of ESA and CWA Goals, with handwritten notes</li> <li>-Oct Term 1978, Bolt Decision, opinion of the court with handwritten notes</li> <li>-US v. State of OR</li> <li>-US v. Adair and handwritten notes</li> <li>-Email to Dru Keenan, EPA, from John Palmer, EPA, re: 4-State Governors Recommendations for Salmon</li> <li>-Meeting Summary</li> </ul>
402	8/11/00	Email to Dru Keenan, EPA, Geoffrey Poole, EPA, from Jason Dunham, USFS, re: Draft meeting notes
403	8/15/00	Final Draft: Regional Temperature Criteria Guidance Project Policy Workgroup Operating Principles
404	8/25/00	<p>Public Workshops Outline Attachment</p> <p>Att. 1: Draft Agenda for Water Temperature Criteria Guidance Project</p>
405	8/28/00	<p>Email to Dru Keenan, EPA, et al, from Geoffrey Poole, EPA, re: Revisions Attachment</p> <p>Att. 1: What is a "temperature regime?"</p>
406	8/2000	Goals Statement (revised)
407	9/6/00	Technical Workgroups Goal Statements
408	9/18/00 - 9/19/00	<p>Agenda: Temperature Criteria Development Project Technical Workgroup with handwritten notes</p> <ul style="list-style-type: none"> <li>-key questions with handwritten notes</li> <li>-Q&amp;A for Spatial-Temporal paper</li> <li>-Table: Fish diseases and increased susceptibility to the indicated stressor with handwritten notes</li> <li>-Summary of peer review discussion of: Temperature interaction summary with handwritten notes</li> <li>-Summary of Peer Review Comments Distribution Issue Paper with handwritten notes</li> <li>-Peer Review Comments on Behavioral Summary with handwritten notes</li> <li>-Conclusions from Physiology Paper</li> <li>-Physiological Effects of Temperature for Pacific Salmon, Steelhead, and Coastal Cutthroat Trout</li> <li>-Meeting Summary</li> </ul>

DOC. NO.	DATE	DOCUMENT
409	9/20/00	<p>Agenda: Regional Temperature Criteria Guidance Project Policy Workgroup Meeting</p> <ul style="list-style-type: none"> <li>-Pacific Northwest Temperature Criteria Guidance Project, Project Goal Statement</li> <li>-Public Workshop Outline</li> <li>-Geoff's notes for Policy Workgroup Talk re: range of water quality criteria models</li> <li>-graph: Site-specific biological standards are insufficient</li> <li>-Final: Regional Temperature Criteria Guidance Project Policy Workgroup Operating Principles</li> <li>-Meeting Summary dated 10/30/00</li> </ul>
410	8/2000	Summary of Peer Review Panel's review of technical issue papers
411	10/6/00	Figure: Middle Fork John Day River FLIR
412	10/12/00	<p>Agenda: Temperature Criteria Development Project Technical Workgroup</p> <ul style="list-style-type: none"> <li>-R10 Temperature Criteria Development Project, Criteria Model Matrixes</li> <li>-Conceptual Model of Salmonid Survival and Production</li> <li>-Flip Chart Notes</li> <li>-Meeting Summary</li> </ul>
413	10/13/00	<ul style="list-style-type: none"> <li>-Letter to Sherri Johnson from Sally Sauter re: Changes Made to Behavior Issue Paper</li> <li>-Letter to Sherri Johnson from Geoffrey Poole re: Changes made to Spatial-Temporal Issue Paper</li> <li>-Letter to Sherri Johnson from Debra Sturdervant, re: Changes made to Physiology Issue Paper</li> <li>-Letter to Sherri Johnson from Elizabeth Materna re: Changes made to Multiple Interaction Issue Paper</li> <li>-Letter to Sherri Johnson from Jason Dunham re: Changes made to Salmonid distribution Issue Paper</li> </ul>
414	11/1/00	Conceptual Framework Distribution Threshold Temperature Model
415	11/1/00	Email to Jeff Lockwood, et al, from Geoffrey Poole, EPA, re: Distribution Paper
416	11/1/00	Peer review materials for Peer Review Panel for the Feb 14/15 meeting to discuss approaches
417	11/3/00	Email to Dru Keenan, EPA, et al, from Jason Dunham, re: synthesis paper responses



DOC. NO.	DATE	DOCUMENT
418	11/7/00	<p>Agenda: Temperature Criteria Development Project Technical Workgroup</p> <ul style="list-style-type: none"> <li>-Draft Introduction</li> <li>-Species and Life Stage Specific, Conceptual Model</li> <li>-Conceptual Framework: Distribution Threshold</li> <li>-"System Potential" Conceptual Model</li> <li>-Geological graph of Northwest Ecoregion</li> <li>-Red Light, Yellow Light, Green Light</li> <li>-Evaluating Factors and handwritten notes</li> <li>-flowchart</li> <li>-timeline</li> <li>-Draft Flip Chart Notes</li> <li>-Meeting Summary</li> </ul>
419	11/8/00	<p>Agenda: Regional Temperature Criteria Guidance Project Policy Workgroup Meeting with handwritten notes</p> <p>Attachments</p> <p>Att. 1: Evaluating Factors and handwritten notes</p> <p>Att. 2: Conceptual Model and handwritten notes</p> <p>Att. 3: Red Light, Yellow Light, Green Light and handwritten notes</p> <p>Att. 4: Conceptual Framework: Distributional Thresholds and handwritten notes</p> <p>Att. 5: "Ecoregion" Conceptual Model</p> <ul style="list-style-type: none"> <li>-copy of flowchart and handwritten notes</li> <li>-copy of timeline</li> <li>-Meeting Summary</li> </ul> <p>Attachment</p> <p>Att. 1: Evaluating Factors Draft</p>
420	11/10/00	<p>Email to Dru Keenan et al, from Geoffrey Poole, EPA, re: Very Important</p> <ul style="list-style-type: none"> <li>-Characteristics of Standards</li> <li>-Table: Traditional and alternative characteristics of water quality standards</li> <li>-Characteristics of Standards and Classifications</li> </ul>
421	11/10/00	Characteristics of Criteria, by Geoffrey Poole, EPA
422	11/14/00	Elements of Biological Performance by Lestelle, L.C. and Mobrand, L.E., 1995. "Progress Report on the Application of an Ecosystem Analysis Method to the Grande Ronde Watershed"
423	11/15/00	Email to Dru Keenan, EPA, et al, from Geoffrey Poole, EPA, re: You'll be happy to read this
424	11/15/00	Pacific Northwest Temperature Project, Status Report
425	11/19/00	Email to Technical Workgroup from Geoffrey Poole, EPA, re: Human activities affecting stream Temperature
426	11/22/00	Email to Dru Keenan, EPA, et al. from Geoffrey Poole, EPA, re: additional thoughts on how cold
427	12/4/00	Pacific NW Temperature Criteria Guidance Project Evaluating Factors

DOC. NO.	DATE	DOCUMENT
428	12/6/00	Agenda: Regional Temperature Criteria Guidance Project Policy Workgroup Meeting and handwritten notes Attachments Att. 1: Three Basic Approaches to a Temperature Standard Att. 2: Evaluating Factors Att. 3: Handwritten notes from policy meeting
429	12/7/00	Agenda: Temperature Criteria Development Project Technical Workgroup -Email to workgroup from Dru Keenan, EPA, re: Agenda for Dec 7 <sup>th</sup> Tech Meeting -Email to Dru Keenan, EPA, et al, from Geoffrey Poole, EPA, re: Pretty fed up -Email to workgroup from Dru Keenan, EPA, Geoffrey Poole, EPA, re: feedback opportunities -Purpose of Synthesis Statement by Debra Sturdevant -Uncertainty Components -How cold? Outline -How cold? -Implications for development of criteria for water temperature standards -Classification of specific strategies for water quality standards by Geoffrey Poole, EPA -Characteristics of Standards -Flip Chart Notes -Meeting Summary
430	12/8/00	Fax: Announcement and Proposed agenda for the Dec 12 Environmental Policy Committee Meeting, Northwest Indian Fisheries Commission
431	12/12/00	Draft of Introduction, suggested changes from Mark
432	12/14/00	Tables from 12/5/00 Draft Synthesis Paper
433	12/12/00	Pacific Northwest Temperature Project Status Report
434	12/13/00	Definition and Distinction between "Criteria" and "Standard"
435	12/19/00	Fax from Jennifer Mitchell to Dru Keenan re: heat and temperature equations
<b>2001</b>		
436	1/4/01	Agenda for Temperature Criteria Development Project Technical Workgroup Att. 1: Table 1 from 12/5/00 Draft Synthesis Paper Att. 2: "Rules of the Road" Att. 3: Definition and Distinction between "Criteria" and "Standard" Att. 4: Labeling Convention for Products - Draft I Att. 5: Draft Flip Chart Notes Att. 6: Meeting Summary, Final
437	1/10/01	Draft Technical Synthesis Paper
438	1/17/01	Pacific NW Temperature Criteria Guidance Development Project Status Report

DOC. NO.	DATE	DOCUMENT
439	1/22/01	EPA NW Temperature Criteria Guidance Development, "Ecoregion" Conceptual Model by Temperature Technical Workgroup
440	1/22/01	EPA NW Temperature Criteria Guidance Development, "System Potential" Conceptual Model by Temperature Technical Workgroup
441	1/22/01	Red Light, Yellow Light, Green Light (Conceptual Temperature Model) by Temperature Technical Workgroup
442	1/22/01	Species and Life Stage Specific Conceptual Model, by Temperature Technical Workgroup
443	1/26/01	Email from Geoffrey Poole, EPA, to Dale McCullough, CRITFC, re: Implications Section
444	8/29/02	Email from Cara Lalley, EPA, forwarding latest draft of temperature guidance
445	1/28/01	Definition of Terms Used in Criteria Matrix by Geoffrey Poole, EPA
446	2/28/01	Email to Shelly from Don Essig, DEQ, re: Bull Trout
447	1/29/01	Characteristics of Standards (2) by Geoffrey Poole
448	1/31/01 - 2/1/01	Agenda for Temperature Criteria Development Project Technical Workgroup Retreat and handwritten notes Attachments Att. 1: Synthesis of the Science - Preliminary Findings Att. 2: Pre-retreat Draft of Technical Synthesis with handwritten notes Att. 3: Definition of Terms Used in Criteria Matrix Att. 4: Characteristics of Standards Att. 5: Draft Flip Chart Notes from Retreat Att. 6: Meeting Summary
449	2/4/01	Temperature Criteria Models by Dru Keenan, EPA
450	2/5/01	Email to Sally Sauter, USGS, Chris Mebane, DEQ, et al, re: Additional text Attachment Att.1: Distribution Threshold with handwritten notes

DOC. NO.	DATE	DOCUMENT
451	2/7/01	Agenda for Temperature Criteria Development Project Technical Workgroup Retreat with handwritten notes Attachments Att. 1: Distributions of Daily Maximum Temperatures for Current Conditions and the Allocated System Potential Att. 2: An anonymous stream, somewhere in Idaho Att. 3: Species and Life Stage Approach with handwritten notes Att. 4: Species/Life History Att. 5: Distribution Threshold Att. 6: Distribution Thresholds Approach (Conservation Biology Emphasis) with handwritten notes Att. 7: Modeled System Potential Approach (Physical Modeling Emphasis) with handwritten notes Att. 8: System Potential Att. 9: Natural System Potential as an Approach to Temperature Criteria Att. 10: Draft Flip Chart Notes Att. 11: Meeting Summary
452	2/01	Combined and Conceptual Models
453	2/8/01	Conference call notes with Peer Review Panel Attachments Att. 1: Email message to Dru Keenan from Geoffrey Poole, EPA, re: conference call with handwritten notes
454	2/13/01	Peer Review Panel (List of Panelists) by Sherri Johnson
455	2/01	EPA Fact Sheet: Update: Pacific NW Water Quality Temperature Criteria Guidance
456	2/13/01	Peer Review Panel
457	2/27/01	Temperature Approaches for March Workshop by Technical Workgroup
458	2/28/01	Draft: Response to Insight Set of Comments by Geoffrey Poole, John Risley, Mark Hicks
459	2/28/01	-Issue Paper 1: Salmonid Behavior and Water Temperature (Draft) -Issue Paper 2: Salmonid Distributions and Temperature (Draft) -Issue Paper 3: Spatial and Temporal Patterns of Stream Temperature (Draft) -Issue Paper 4: Temperature Interaction (Draft) -Technical Synthesis: Water Temperature, Salmonids, and Water Quality Criteria: Final Draft
460	3/1/01	Email to Workgroup members from John Palmer, EPA, re: Temperature Policy Meeting (Thursday, 3/8)
461	3/7/01	Email to Chris Mebane, DEQ, Dru Keenan, EPA, et al, from Sherri Johnson, re: Sullivan paper
462	3/9/01	Email train between Debra Sturdevant, DEQ, Dru Keenan, EPA, Dale McCullough, CRITFC, et al, re: Final Updated Fact Sheet

DOC. NO.	DATE	DOCUMENT
463	3/7/01	Draft Agenda for Temperature Criteria Development Project Technical Workgroup Retreat with handwritten notes Attachment -Notes from Regional Temperature Peer Review Meeting (Chris Mebane) -General summary of the initial review of EPA R10 Stream Temperature Criteria Conceptual Models -Distribution Threshold Model from Geoffrey Poole, EPA -Willamette River diagram -U.S. EPA NW Regional Temperature Criteria Public Informational Exchange Agenda -Oregon Insider News -Draft Flip Chart Notes -Meeting Summary
464	3/11/01	Char Guild: Species Life Stage" Recommended Thresholds by Shelley Spalding, USFWS
465	3/15/01	Notice of Workshop on U.S. Pacific NW Regional Water Temperature Criteria
466	3/15/01	Workshop Presentation on the Technical Workgroup Synthesis Paper Attachments Att. 1: Technical Workgroup presentation Att. 2: Criteria Approach Presentation Att. 3: Criteria Guidance Project Presentation
467	3/12/01	Comment form: Northwest Regional Temperature Criteria Proposals with comments received at WA Regional Temperature Criteria Workshop
468	3/15/01	-Sign-in Sheet for Public Workshop for NW Temperature Criteria Guidance -Northwest Temperature Criteria Guidance
469	3/12/01	Washington Dept. Of Ecology Regional Temperature Criteria Public Meeting Sign-in Sheet
470	3/14/01	Temperature and Salmonid Distributions Presentation by Technical Workgroup
471	3/16/01	Pacific Northwest Water Temperature Criteria Guidance Project Workshop Attendees List
472	1/4/01	Response to OFIC/WFPA Comments per discussion at 6/4/01 meeting
473	4/3/01	Email to Workgroup members from John Palmer, EPA, re: Questions for Technical Workgroup
474	4/3/01	Agenda for Temperature Policy Workgroup Policy Call -Policy Workgroup Questions for the Technical Workgroup with regards to the Approaches for Temperature Criteria
475	4/3/01	Email to Temperature Policy Workgroup members from John Palmer, EPA, re: Temperature Policy Meeting
476	4/5/01	Evaluation Factors for Temperature Criteria by Technical Workgroup

DOC. NO.	DATE	DOCUMENT
477	4/11/01	Agenda for Temperature Criteria Development Project Technical Workgroup with handwritten notes Attachments Att. 1: Policy Workgroup's Assessment of Public Workshopos Att. 2: Email to Geoffrey Poole, EPA, Dru Keenan, EPA, et al, from Chris Mebane, DEQ, re: \$62K Project Support Grant Att. 3: DEQ 104b3 Grant: Technical Support for Regional Temperature Criteria Project Att. 4: General Summary of the Initial Review of EPA R10 Stream Temperature Criteria Conceptual Models Att. 5: One panelists – additional comments on conceptual models Att. 6: Combined Conceptual Models Att. 7: Species and Life Stage Approach (Fish Biology Emphasis) Att. 8: Draft Flip Chart Notes from Technical Workgroup Meeting Att. 9: Meeting Summary of Regional Temperature Project, Technical Workgroup
478	4/18/01	Email train between Dale McCullough, CRITFC, Dru Keenan, EPA, Randy Smith, EPA, et al, re: Response to Randy Smith
479	4/18/01	Email article for Record Salmon News
480	4/23/01	Letter to John Palmer, EPA, from Chris Jarmer, Oregon Forest Industries Council and Ann Goos, Washington Forest Protection Association, re: Comments on the <i>EPA Technical Synthesis Issue Paper and Approaches for the NW Temperature Criteria Guidance Paper</i> Attachments Att. A: Review of the EPA R10 Technical Synthesis of Issue Papers Att. B: Review of the EPA R10 Draft Approaches for the NW Temperature Criteria Guidance Paper
481	5/2/01	Agenda for Temperature Criteria Development Project Technical Workgroup and handwritten notes Attachments Att. 1: Email to Dru Keenan, EPA, Marianne Deppman, EPA, et al, from Sally T. Sauter, USGS, re: May 2 & Models Att. 2: Distribution Threshold Approach to Water Temperature Criteria Att. 3: Thermal Potential Approach with handwritten notes Att. 4: Species and Life Stage Specific Model and handwritten notes Att. 5: Draft Flip Chart Notes Att. 6: Meeting Summary
482	5/3/01	Email to Temperature Policy Workgroup re: Notes from Temperature Policy Meeting
483	5/7/01	Species and Life Stage Specific Model
484	5/8/01	Email to Dru Keenan, EPA, Chris Mebane, DEQ, et al, from Geoffrey Poole, EPA, re: OFIC/WFPA Comments
485	5/10/01	Natural Physical Potential as an Approach to Temperature Criteria Article

DOC. NO.	DATE	DOCUMENT
486	5/11/01	Growth and Survival Temperature Criteria for Bull Trout Annual Report 2000 (Year 3) by McMahon, Zale, Selong, Barrows
487	5/15/01	Meeting Summary for Pacific NW Temperature Project Policy Workgroup
488	5/22/01 - 5/23/01	Agenda for Temperature Criteria Development Project Technical Workgroup Retreat Attachments Att. 1: statement Att. 2: Sub-Basin Temperature Management Plan Option Att. 3: Natural Physical Potential as an Approach to Temperature Criteria Att. 4: Distribution of Temperature Approach to Water Temperature Criteria Att. 5: Species and Life Stage Specific Model Att. 6: Issues Common to All Approaches Att. 7: Combined Critical Factors for Temperature Criteria Att. 8: Draft Scope of Work by Don Essig Att. 9: Memo to Fish Passage Advisory Committee from Michele DeHart, Fish Passage Center, re: Status of 2001 Migration Att. 10: Draft Flip Chart Notes Att. 11: Discussion on what biological goal should be based on: Current, Historical, or Potential Fish Distribution Att. 12: Meeting Summary
489	7/3/01	Meeting Summary for June 7, 2001 Pacific NW Temperature Project Policy Workgroup Attachment Att. 1: Flip Chart Notes from Policy Workgroup Meeting (6/7/01)
490	6/7/01	--Policy Group Questions to Technical Group on 3 Criteria Approaches by Technical Workgroup --Sub-basin Temperature Management Plan Conceptual Model by Technical Workgroup --Distribution of Temperature Conceptual Model by Technical Workgroup --Species and Life Stage Conceptual Model by Technical Workgroup by Technical Workgroup --Natural Thermal Potential Conceptual Model by Technical Workgroup
491	6/11/01	--1999 & 2000 Aug.- Sept. Air Temperature Data --Clearwater Temperature Graphs
492	6/13/01	Draft Agenda for Temperature Criteria Development Project Technical Workgroup Retreat

DOC. NO.	DATE	DOCUMENT
493	6/13/01	Draft Agenda for Temperature Criteria Development Project Technical Workgroup Retreat with handwritten notes Attachments Att. 1: Natural Thermal Potential Chart Att. 2: Sub-Basin Temperature Management Plan with handwritten notes Att. 3: Flow Chart for Distribution Threshold Approach with handwritten notes Att. 4: NW Regional Temperature Project Timeline Att. 5: Statements on Key Issues Att. 6: Policy Group Questions to Technical Group on 3 Criteria Approaches Att. 7: Evaluation Criteria Att. 8: Draft: Flip Chart Notes
494	6/14/01	Email to Dru Keenan, EPA, Jeff Lockwood, NOAA, et al, from Mark Hicks, re: Interim Criteria Description Attachment Att. 1: Interim Criteria
495	6/14/01	Email to Dru Keenan, et al, from Mark Hicks, re: SLS Module Attachment Att. 1: Species/Life-Stage Module
496	6/14/01	Email to Marianne Deppman, EPA, et al, from Mark Hicks, re: Multiple Lines of Evidence - Optional Endings
497	6/6/01	Temperature Measurement and Metrics by Don Essig
498	6/18/01	Email to Mark Hicks, et al, from Jeff Lockwood, NOAA, re: Interim Criteria Description Attachment Att. 1: Interim Criteria
499	6/14/01	Email train between Jeff Lockwood, NOAA, and Shelly Spalding, USFWS, et al, re: Interim Criteria Description Attachment Att. 1: Where and When Module
500	7/2/01	Email to Dru Keenan, EPA, et al from Dale McCullough, CRITFC, re: Illustration of Biological Timing Issues
501	6/28/01	Steps for Development of Proposed Regional Temperature Criteria by Geoffrey Poole, EPA
502	6/28/01	Work for July 10 and 11 Technical Meeting by Dru Keenan, EPA
503	7/3/01	--Email to John Palmer, EPA, et al, from Jeff Lockwood, NOAA, re: Key Issues that Cut across Options --Email to Dru Keenan, EPA, et al, from John Palmer, EPA, re: Temperature Options (Urgent Review) Attachment Att. 1: Draft Overview of the Criteria Guidance Options Att. 2: Draft Key Issues that Cut Across Criteria Options



DOC. NO.	DATE	DOCUMENT
504	7/3/01	Email to John Palmer, EPA, et al, from Jeff Lockwood, NOAA, re: Comments - Overview of Criteria Guidance Options
505	7/8/01	Estimate Natural Thermal Potential Module by Don Essig
506	7/9/01	Letter to Dru Keenan, EPA, from Kent Smith, InSight Consultants, re: Comments to Issue Paper 3, Spatial and Temporal Patterns of Stream Temperature by Geoffrey Poole, John Risley, and Mark Hicks (2/28/01 draft)
507	7/10/01	Draft: Overview of the Criteria Guidance Options
508	7/10/01 - 7/11/01	Agenda for Temperature Criteria Development Project Technical Workgroup Meeting with handwritten notes Attachments Att. 1: Draft Flip Chart Notes Att. 2: Color Charts (2), with handwritten notes Att. 3: Species/Life-Stage Module (7/9/01) Att. 4: Species/Life-Stage Module (6/14/01) Att. 5: Work for July 10 & 11 Technical Meeting (2) with handwritten notes
509	7/13/01	Email to Dru Keenan, EPA, et al, from Sally Sauter, USGS, re: Smoltification Revisited
510	7/19/01 - 7/20/01	Draft Agenda for Regional Temperature Criteria Guidance Project with handwritten notes Att. 1: NW Regional Temperature Project Timeline with handwritten notes Att. 2: Color Charts (2) Att. 3: Email to Cathy Tortorici, NOAA, et al, from John Palmer, EPA, re: Temperature Policy July 19/20 Meeting - Important Materials Att. 4: Key Issues that Cut Across Criteria Options Att. 5: Overview of the Criteria Guidance Option
511	7/24/01	Draft: Illustrative Example of EPA Temperature Guidance
512	7/25/01 - 7/26/01	Agenda for Temperature Criteria Development Project with handwritten notes Att. 1: Email to Marianne Deppman, EPA, Elizabeth Materna, USFWS, et al, re: Upcoming Technical Meetings Att. 2: Multiple Lines of Evidence with handout: Reconcile Thermal Potential Mode and handwritten notes Att. 3: Color Charts (2) with handwritten notes Att. 4: Possible Solutions to When and Where by Dale McCullough Att. 5: Email train between Mark Hicks and Marianne Deppman, et al, re: Year 2 Year Variation with summary information and power point presentation Att. 6: Cold Water Guild Summary from integration of all effects Att. 7: Upper End of Optimum document Att. 8: Email to Dru Keenan, EPA, Geoffrey Poole, EPA, from Shelly Spalding, USFWS, re: Multiple Lines of Evidence Att. 9: Illustrative Example of EPA Temperature Guidance Att. 10: Draft Flip Chart Notes

DOC. NO.	DATE	DOCUMENT
513	7/31/01	Email to Geoffrey Poole, EPA, et al, from Dale McCullough, CRITFC, re: SLS example, questions
514	7/30/01	Email to Sherri Johnson, from Dru Keenan, EPA, re: Cover letters
515	8/1/01	Email to Dru Keenan, EPA, from Sherri Johnson, re: Cover Letters
516	8/1/01	Email to Marianne Deppman, EPA, et al, from Don Essig, DEQ, re: Temperature Modeling
517	8/2/01	Meeting Summary for July 19-20, 2001 Pacific NW Temperature Project Policy Workgroup
518	8/2/01	Email to Don Essig, DEQ, et al, from Geoffrey Poole, EPA, re: Some Thoughts (and a question for Dale)
519	8/2/01	Email to Marianne Deppman, EPA, et al, from Mark Hicks, re: Default process for protecting bully trout with handwritten notes
520	8/2/01	Work for Developing Final Temperature Guidance by Dru Keenan
521	8/3/01	Memo to EPA Temperature Criteria Guidance Policy Team from Patti Howard, Nez Perce Tribe, re: EPA R10 Temperature Guidance Criteria Project
522	8/6/01	Email to Temperature Technical Work Group from Christopher Mebane, re: How cold thoughts
523	8/7/01 - 8/8/01	Agenda for Temperature Criteria Development Project Technical Workgroup Meeting Attachments Att. 1: Cold Water Guild, Summary from integration of all effects with handwritten notes Att. 2: Chart: Distributions of Daily Maximum Temperatures for Current Conditions and the Allocated System Potential with handwritten notes Att. 3: Charts (3) Att. 4: Estimate Natural Thermal Potential Module by Don Essig Att. 5: Draft by Debra: Pros and Cons of an Initial Assessment Based on Species Life Stage Criteria Att. 6: Draft: Multiple Lines of Evidence Module (Developing Temperature Criteria from Multiple Lines of Evidence) Att. 7: Distribution Threshold Module Att. 8: Options for Interim Criteria as a Part of the Regional Temperature Criteria Att. 9: Bull Trout Notes per Shelly Att. 10: Remaining Decisions on Key Features of the Temperature Guidance Att. 11: Draft Flip Chart Notes Att. 12: Temperature Technical Meeting handwritten notes
524	8/10/01	Email train between Don Essig, DEQ and Chris Mebane, DEQ, et al, re: Definition of Season of Use

DOC. NO.	DATE	DOCUMENT
525	8/10/01	Email to John Risley, Don Essig, from Geoffrey Poole, re: Estimate Natural Thermal Potential Module Revisions Attachment Att. 1: Estimate Natural Thermal Potential Module by Don Essig
526	8/10/01	Chart: Composite Run Timing
527	8/11/01	Email to Temperature Workgroup from Don Essig, DEQ, re: Lochsa River Temperature Date Attachment Att. 1: Chart: Lochsa @ Lowell Stream Temperature
528	8/11/01	Email from Dale McCullough to Don Essig, re: Lochsa River Temperature Data
529	8/13/01	Species Life Stage Module Criteria by Jeff Lockwood
530	8/16/01	Draft: Multiple Lines of Evidence Module with handwritten notes
531	8/13/01	Memo to Members of the Regional Temperature Team from David Mabe, DEQ, re: Species Specific Temperature Numbers
532	8/14/01 - 8/15/01	Draft Agenda: Regional Temperature Criteria Guidance Project, Policy and Technical Workgroup Meeting with handwritten notes Attachments Att. 1: Outline for Presentations on Temperature Criteria to the Policy Workgroup Att. 2: Options for Interim Criteria as a Part of the Regional Temperature Criteria for discussion Att. 3: Species Life Stage Module Criteria Att. 4: Some thoughts about whether or not doing the SLS approach first will save resources Att. 5: Draft: Multiple Lines of Evidence Module with handwritten notes Att. 6: Distribution Threshold Module Att. 7: Draft: Pros and Cons of an Initial Assessment Based on Species Life Stage Criteria by Debra, modified by Geoffrey Poole Att. 8: Evidence that adult/subadult bull trout move out of warming waters to colder waters during summer Att. 9: Charts (2)
533	8/21/01	Emailed article re: Idaho Fish and Game Reports Record Salmon Runs
534	8/31/01	Email to John Palmer, EPA, from Jason Dunham, re: Comments on Draft Temperature Guidance Attachment Att. 1: Email comments from Sally Sauter
535	8/31/01	Email to Jason Dunham from Don Essig, re: Comments on Draft Temperature Guidance
536	8/31/01	Email to Dru Keenan, EPA, et al, from Geoffrey Poole, EPA, re: Presentation

DOC. NO.	DATE	DOCUMENT
537	8/2001	Presentation by Geoffrey Poole: Proposed Approach to Temperature Standard
538	8/2001	Draft Appendix B: Determining sub-basin specific requirement for when and where numeric criteria apply by Geoffrey Poole
539	9/4/01	2 <sup>nd</sup> Draft: EPA R10 Guidance for State and Tribal Temperature Water Quality Standards with handwritten notes
540	9/4/01	2 <sup>nd</sup> Draft: EPA R10 Guidance for State and Tribal Temperature Water Quality Standards with handwritten notes
541	9/10/01	Draft: Char Guild: "Species Life Stage" Recommended Thresholds by E. Materna and S. Spaulding
542	9/10/01	Email to John Palmer, EPA, et al, from Stephen Zylstra, USFWS, re: EPA Temperature Guidance—2nd Draft!! Conference Call Monday
543	9/11/01 - 9/12/01	<ul style="list-style-type: none"> <li>–Handwritten notes from Technical Meeting</li> <li>–Charr Guild: "Species Life Stage" Recommended Thresholds with handwritten notes</li> <li>–Draft: Multiple Lines of Evidence Module with handwritten notes</li> <li>–Species Life Stage Module Criteria with handwritten notes</li> <li>–Email to Sally Sauter, USGS, et al, from Jason Dunham, re: Temperature Proposal Concern</li> <li>–Draft: Flip Chart Notes</li> </ul>
544	9/17/01	Email to Mark Hicks, et al, from Shelly Spalding, re: Draft Appendix A
545	9/17/01	Draft Proposal for Temperature Guidance by Dru Keenan, EPA
546	9/18/01	Email to Cathy Tortorici, NOAA, et al, from John Palmer, EPA, re: Policy Challenge for Temperature Project
547	9/18/01	Memo to John Palmer, EPA, from Russell Strach, NMFS, re: Comments on 2 <sup>nd</sup> Draft Regional Temperature Guidance Document
548	9/18/01	Intended Changes to 9/4/01 Draft of EPA's Temperature Guidance with handwritten notes
549	9/18/01	Email train between Dru Keenan, EPA, Jason Dunham, USDA FS, et al, re: Help on Bull Trout for Appendix A
550	9/18/01	Email to John Palmer, EPA, et al, from Geoffrey Poole, EPA, re: Policy Challenge for Temperature Project
551	9/18/01	Draft: Appendix B: Determining sub-basin specific requirement for when and where numeric criteria apply, distributed by John Palmer, edits by Dale McCullough
552	9/19/01	Emailed article: Why Don't We Believe the Models?

DOC. NO.	DATE	DOCUMENT
553	9/20/01	Agenda for Policy Meeting Attachments Att. 1: Email to Dru Keenan, EPA, et al, from John Palmer, EPA, re: Policy Challenge for Temperature Project Att. 2: Email to John Palmer, EPA, et al, from Geoffrey Poole, EPA, re: Policy Challenge for Temperature Project Att. 3: Intended Changes to 9/4/01 Draft of EPA's Temperature Guidance Att. 4: EPA R10 Temperature Project Technical Workgroup Recommendation for a Regional Temperature Criteria Guidance Att. 5: Article: Why Don't We Believe the Models? Att. 6: Appendix B: Determining Sub-basin Specific Requirement for when and where numeric criteria apply with handwritten notes Att. 7: EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
554	9/21/01	Email to Dru Keenan, EPA, et al, from Geoffrey Poole, EPA, re: GCP's response to and WDOE's modeler's concerns over Appendix B and handwritten notes Attachment Att. 1: article
555	9/20/01	Presentation of Appendix B of 1 <sup>st</sup> Draft of Temperature Guidance at Public Workshops
556	9/21/01	Email to Dru Keenan, EPA, et al, from Dale McCullough, CRITFC, re: Everest graph Attachment Att. 1: graph
557	9/21/01	Tasks and Schedule for Temperature Project
558	9/24/01	Email to Greg Pelletier from Mark Hicks, re: Revised Language for Appendix B of the Regional Temperature Criteria Attachment Att. 1: Appendix B with handwritten notes
559	9/24/01	Letter to John Palmer and EPA Temperature Guidance Criteria Policy Team from Patti Howard (CRITFC), re: Comments on EPA 's Draft Temperature Guidance Criteria, 9/4/01 with handwritten notes Attachments Att. 1: Appendix A: Recommendations for Numeric Temperature Targets Att. 2: Appendix B: Determining Sub-Basin Specific Requirement for when and where numeric criteria apply
560	9/25/01	Comments on Appendix B by E. Materna

DOC. NO.	DATE	DOCUMENT
561	9/26/01	<p>Agenda for Temperature Criteria Development Project Technical Workgroup Retreat with handwritten notes</p> <p>Attachments</p> <p>Att. 1: Email to Dru Keenan, EPA, et al, from John Palmer, EPA, re: Short-Term Timeline for Temperature Guidance</p> <p>Att. 2: Elizabeth's handwritten meeting notes from temperature project</p> <p>Att. 3: Dru Keenan's handwritten notes from Technical Meeting</p> <p>Att. 4: Appendix A: Recommendations for Numeric Temperature Targets</p> <p>Att. 5: Appendix B: Determining sub-basin specific requirement for when and where numeric criteria apply</p> <p>Att. 6: DEQ's Contract: Case Study of the Application of Proposed New Approaches to Water Quality Temperature Criteria</p> <p>Att. 7: Email to Chris Mebane, et al, from Don Essig, DEQ, re: Case Study Tasks</p> <p>Att. 8: Comparison among Idaho, Washington, Oregon Temperature Standards</p> <p>Att. 9: EPA R10 Temperature Project Technical Workgroup Recommendation for a Regional Temperature Criteria Guidance with handwritten notes</p> <p>Att. 10: Draft Flip Chart Notes</p> <p>Att. 11: Meeting Summary</p>
562	9/27/01	Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
563	9/28/01	Email train between technical workgroup members, Mark Hicks, Geoffrey Poole, et al, re: Use of Temperature Models in Proposed Approach Temperature Guidance
564	9/28/01	<p>Email to Geoffrey Poole, et al, from John Risely, re: Summer Mean Monthly Temperatures at Oregon USGS Stream sites</p> <p>Attachment</p> <p>Att. 1: historical summer mean monthly temperatures</p>
565	9/28/01	Email to Technical Workgroup from Don Essig, re: Article in Idaho Statesman
566	9/28/01	Email to Mark Risely from Geoffrey Poole, EPA, re: WDOE's Concerns on Proposed Approach to Develop Temperature Standards
567	9/28/01	Emailed Comments on Appendix A from Shelly Spaulding
568	9/28/01	<p>--Edits to Draft Appendix A from J. Lockwood with handwritten notes</p> <p>--Edits to Draft Appendix B from J. Lockwood with handwritten notes</p>
569	9/28/01	Comments on Appendix A from Shelly Spaulding
570	9/2001	Edits to Appendixes A and B from Don Essig
571	10/01	EPA R10 Temperature Guidance Public Review Draft
572	10/1/01	Peer Review Approach by Sherry Johnson

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573	10/1/01	Peer Review Panel's Comments on Issue Papers, Synthesis Paper, and Technical Information Submitted by the Public by Sherry Johnson
574	3/11/03	Email from Cara Lalley, EPA, providing notice of upcoming HQ briefing
575	10/1/01	--Email to Dru Keenan, EPA, from Sally Sauter, re: comments --Email to Dru Keenan, EPA, from Sally Sauter, re: comments
576	10/1/01	Comments on Appendix A from Mark Hicks
577	10/1/01	Edited version of Appendix A to 1 <sup>st</sup> Draft of Temperature Guidance
578	10/1/01	Email to Dru Keenan, EPA, from Sally Sauter, re: Comments on 1 <sup>st</sup> Draft Temperature Guidance Appendix A
579	10/2/01	DEQ's Comments on 3 <sup>rd</sup> Draft of the Temperature Guidance
580	10/3/01	Email to Dru Keenan, EPA, et al, from John Palmer, EPA, re: Planning the Public Workshops
581	10/4/01	Underlying Assumptions of the Approach (Appendix B of 1 <sup>st</sup> Draft of Temperature Guidance) by Geoffrey Poole
582	10/4/01	Memo to John Palmer, EPA, from Russell Strach, NMFS, re: Comments on the 3 <sup>rd</sup> Draft, Regional Temperature Guidance Document
583	2001	Comments on 3 <sup>rd</sup> Draft of Temperature Guidance from Idaho
584	10/4/01	Email to Dru Keenan, EPA, from Debra Sturdevant, DEQ, re: Version 2 of Appendixes A & B Attachment Att. 1: Memo to Dru Keenan, EPA, from Debra Sturdevant, DEQ, re: Comments
585	10/4/01	Modeled Thermal Potential and Uncertainty Assessment by Geoffrey Poole
586	10/4/01	Email to Dru Keenan, EPA, et al, from Debra Sturdevant, DEQ, re: Modeler's Meeting - bad news
587	10/4/01	Email to Dru Keenan, EPA, et al, from Mark Hicks, re: Version 2 of Appendix A & B
588	10/4/01	--Email to Cathy Tortorici, NOAA, et al, from John Palmer, EPA, re: Upcoming Policy Conference Call/Meetings with handwritten notes --Email to Cathy Totorici, NOAA,, et al, from John Palmer, EPA, re: Temperature Guidance Transmittal Letter and Issues with handwritten notes --Draft Letter to Stakeholder from Randy Smith, EPA
589	10/5/01	Letter to John Palmer, EPA, from Patti Howard, Dale McCullough (CRITFC), re: Comments on EPA's Draft Temperature Criteria, 9/27/01
590	10/5/01	Email comments to John Palmer, EPA, et al, from Mark Hicks, WDOE, re: Comments on Draft Temperature Guidance

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591	10/5/01	Email to John Palmer, EPA, from Stephen Zylstra, USFWS, re: Comments Attachment Att. 1: Redline Version and Comments on EPA R10 Guidance for State and Tribal Temperature Water Quality Standards, 3 <sup>rd</sup> Draft
592	10/5/01	Memo to Dru Keenan, EPA, from Debra Sturdevant, DEQ, re: Comments on Appendix B
593	10/5/01	Email to John Palmer, EPA, from Mark Hicks, re: Comments on Regional Temperature Guidance with handwritten notes
594	10/5/01	Memo to Dru Keenan, EPA, from Debra Sturdevant, DEQ, re: Comments on Appendix B
595	10/5/01	Comments on Appendix A, Recommendations for Numeric Temperature Targets Mark Hicks
596	10/5/01	Email train between Mark Hicks, Geoffrey Poole, et al, re: Version 2 of Appendix A & B
597	10/5/01	Email to Mark Hicks, from Geoffrey Poole, EPA, re: Version 2 of Appendix A and B
598	10/5/01	Faxed comments and edits to John Palmer, EPA, from Mark Hicks, WDOE, re: EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
599	10/6/01	Email to Geoffrey Poole, EPA, et al, from Mark Hicks, re: Version 2 of Appendix A and B
600	10/8/01	Email train between Randy Smith, EPA and Policy Workgroup, re: Transmittal Letter with 1 <sup>st</sup> Draft of Guidance
601	10/9/01	Email train between Shelly Spalding, USFWS, Dru Keenan, EPA, et al, re: Version 2 of Appendix A and B
602	10/9/01	Email to Dru Keenan, EPA, from Shelly Spalding, USFWS, re: Appendix A sentence
603	10/9/01	Email train between Dru Keenan, EPA, and Shelly Spalding, et al, re: Comments on Appendix A
604	10/15/01	Emailed Article: State of Washington Reports Mixed Salmon News
605	10/15/01	Oregon Comments on the EPA R10 Guidance for State and Tribal Temperature Water Quality Standards 3 <sup>rd</sup> Draft
606	2001	Appendix B: Determining sub-basin specific requirement for when and where numeric criteria apply and handwritten notes
607	10/15/01	Appendix B: Determining sub-basin specific requirement for when and where numeric criteria apply and handwritten notes
608	10/18/01	Proposed EPA R10 Guidance for State and Tribal Temperature Water Quality Standards, Public Review Proposal



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609	10/18/01	Proposed EPA R10 Guidance for State and Tribal Temperature Water Quality Standards, Public Review Proposal, reviewed by Dale McCullough with handwritten notes
610	10/18/01	Memo to John Palmer, EPA, from Patti Howard Watershed Dept., CRITFC, re: Hard Copy Documentation regarding Temperature Guidance Transmittal Letter
611	10/23/01	Email to Technical Workgroup from Dale McCullough re: Dale McCullough's Review of Paper by Sullivan, et al Attachment Att. 1: Sullivan report
612	10/25/01	Email to Dru Keenan, EPA, et al, from Debra Sturdevant, DEQ, re: Questions for Peer Review Panel
613	10/28/01	Email to Dru Keenan, EPA, et al, from Don Essig, DEQ, re: Important Reminder
614	10/29/01	Questions for Peer Review of the EPA Guidance Document and Appendices A and B, Submitted by CRITFC
615	10/30/01	Technical Charge for Peer Review Temperature Criteria Development Project: Proposed Approach to Development of Temperature Criteria Guidance
616	10/30/01	Appendix A and Appendix B of Final Draft of Temperature Guidance (1 <sup>st</sup> Draft)
617	10/31/01	Faxed Memo to Dru Keenan, EPA, from Pat Larson, Oregon Cattlement Association, re: Comments
618	11/2/01	Letter to Pat Larson, Science and Natural Resource Advisor, from Dru Keenan, EPA, re: Response to Memo
619	10/2001	EPA Regional Water Temperature Guidance re: EPA issues Draft Temperature Guidance
620	11/01	Presentation: EPA R10 Draft Temperature Guidance Public Workshop Presentation
621	11/1/01	Errata Sheet for Draft R10 Guidance for State and Tribal Temperature Water Quality Standards
622	11/20/01	Terms Noted by the Peer Review Panel for Definition by Sherry Johnson
623	11/21/01	Letter to John Iani, Director, EPA, from Representative Betsy Close, Senator Ted Ferrioli, re: Comments
624	9/28/01	Email to Technical Workgroup from John Risley, re: Temperature Data

DOC. NO.	DATE	DOCUMENT
625	10/31/01	Letter to Randy Smith, EPA, from Dru Keenan, EPA, John Palmer, EPA, re: Recommendation to Release EPA R10's Draft Temperature Guidance for Public Review Attachment Att. 1: Public Review Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
626	10/2001	Regional Water Temperature Guidance: EPA Issues Draft Temperature Guidance
627	10/31/01	To Dru Keenan, EPA, et al, from Geoffrey Poole, re: Case Study Watersheds
628	11/7/01	Draft Agenda for Temperature Criteria Development Project Technical Workgroup Retreat with handwritten notes Attachments Att. 1: Technical workgroup handwritten notes Att. 2: Draft Flip Chart notes
629	11/8/01	Technical Charge to Peer Review Panel for Panel Review of Draft Guidance Attachment Att. 1: Handwritten notes from Brief Appearance of Scientific Peer Review Panel Meeting
630	11/8/01	Summary Comments of Peer Review Panel Discussion re: Draft EPA R10 Stream Temperature Criteria
631	11/19/01	Notes for presentation
632	11/27/01	Letter to John Palmer, EPA, from Lincoln C. Loehr, HellerEhrman, re: Proposed regional temperature criteria
633	11/20/01	Email train between Dale McCullough, CRITFC, and Dru Keenan, EPA, et al, re: Trigger Terms Attachment Att. 1: 3 <sup>rd</sup> draft of EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
634	12/6/01	U.S. EPA Public Workshop Booklet re: EPA Public Workshop Attachment Att. 1: Roster of Attendees
635	12/11/01	Toccoa River Presentation by Geoffrey Poole, EPA
636	12/14/01	Email message to Dru Keenan, EPA, from Sherri Johnson, re: Peer Review
637	12/20/01	Agenda for Regional Temperature Criteria Guidance Project Joint Policy and Technical Workgroup Meeting with handwritten notes Attachment Att. 1: Issues for the Temperature Policy Workgroup (preliminary list) and handwritten notes

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638	12/17/01	Agenda for Water Quality Standards Discussion Group with handwritten notes
639	12/20/01	Draft Agenda: Regional Temperature Criteria Guidance Project Joint Policy and Temperature Workgroup Meeting
640	12/30/01	Emailed article: Seattle Post-Intelligencer Editorial Board on Status of Salmon
641	12/2001	Presentation for December 2001 Workshop by Geoffrey Poole
<b>2002</b>		
642	1/8/02	Summary Comments from Peer Review Panel Discussion of 11/8/01 re: Draft of EPA R10 Stream Temperature Criteria
643	1/22/02	--Email to Cathy Totorici, NOAA, et al, from John Palmer, EPA, re: Materials for Temperature Policy/Technical Meeting --EPA R10 State and Tribal Guidance on Temperature Water Quality Standards, Executive Summary --A Synthesis of Key Issues Heard at Public Workshops --Initial Framing of Options for Final Design of EPA's Temperature Guidance (Draft)
644	1/24/02	Email to Cathy Tortorici, NOAA, et al, from John Palmer, EPA, re: Temperature Meeting Agenda
645	1/25/02	Chart: Water Quality Standards – Freshwater Temperature Criteria (°C) – Alternatives with handwritten notes
646	1/25/02	Letter to Randy Smith, EPA, from Llewellyn Matthews, Northwest Pulp and Paper, re: Draft R10 Guidance for State and Tribal Temperature Water Quality Standards (10/01 public review draft) Attachment Att. 1: White Paper on Legal and Policy Concerns
647	1/29/02	Tasks to Finish the Temperature Guidance
648	2/6/02	Email to Dru Keenan, EPA, from Jeff Lockwood, NOAA re: Columbia River Runs Approach 63-Year-Old Record, 9/14/01 Columbia Basin Bulletin
649	2/6/02	Email to Dru Keenan, EPA, from Jeff Lockwood, NOAA, re: Record Runs: Washington Reports Mixed Salmon News
650	2/6/02	Email to Dru Keenan, EPA, from Jeff Lockwood, NOAA, re: Idaho Fish and Game Reports Record Salmon Runs
651	2/6/02	Email to Dru Keenan, EPA, from Jeff Lockwood, NOAA, re: Record Runs? Wild Salmon Still Endangered
652	2/6/02	Strategy for Final Phase of Temperature Project by Dru Keenan, EPA
653	2/7/02	EPA R10 Draft Temperature Guidance, Oct. 2001 Public Review Draft, NCASI Technical Comments

DOC. NO.	DATE	DOCUMENT
654	2/6/02	<p>–EPA R10 Draft Guidance State and Tribal Temperature Standards, Public Review of Draft Oct . 2000, Preview of NWPPA Comments, Key Messages and Desired Outcomes, with handwritten notes</p> <p>--Roster of Names and Organization of Participants</p> <p>–EPA R10 Draft Guidance State and Tribal Temperature Water Quality Standards, Oct. 2001 Public Review Draft, NCASI Technical Comments, with handwritten notes</p> <p>–EPA Regional Temperature Water Quality Criteria, Lega/Policy/Technical Issues and Feedback</p>
655	2/11/02	Draft: Evidence that Water Temperature has Contributed to Declines of Pacific NW Salmonid Fish Populations by Jeff Lockwood
656	2/13/02	Presentation of EPA Listed Salmon and Steelhead by NMFS
657	2/12/02	Roster of Participants in Public Workshop of Regional Water Temperature Guidance
658	2/14/02	<p>Email train between John Palmer, EPA, and Dru Keenan, et al, re: Temperature Meeting (Feb. 19<sup>th</sup>) Materials</p> <p>Attachments</p> <p>Att. 1: Major Concerns Raised Over the Draft Guidance</p> <p>Att. 2: Initial Framing of Options for Final Design of EPA's Temperature Guidance</p>
659	2/14/02	Email to Policy Workgroup from John Palmer, EPA, re: Upcoming Joint Technical/Policy Meeting
660	2/19/02	Email to Policy Workgroup from John Palmer, EPA, re: 2/19/02 Temperature Meeting
661	2/19/02	<p>Draft Agenda for Policy Workgroup Meeting</p> <p>Attachments</p> <p>Att. 1: Email to Cathy Tortorici, NOAA, et al, from Dru Keenan, re: 2/19/02 Temperature Meeting</p> <p>Att. 2: Draft Agenda for Policy Workgroup Meeting with handwritten notes</p> <p>Att. 3: Draft: Initial Framing of Options for Final Design of EPA's Temperature Guidance</p>
662	2/22/02	Dissenting Opinion on Biological Threshold Numbers proposed by Regional Temperature Criteria Development Technical Workgroup
663	2/20/02	Forest Service and Bureau of Land Management Comments to EPA Draft Temperature Guidance
664	2/21/02	Electronic Letter to L. John Iani, EPA, from John A. Kitzhaber, M.D. re: State of Oregon Comments on the Draft Guidance on State and Tribal Temperature Water Quality Standards, date 10/31/01
665	2/22/02	Electronic Letter to John Palmer, EPA, from Nina Bell, re: Regional Temperature Review Draft Proposed Guidance

DOC. NO.	DATE	DOCUMENT
666	2/22/02	Electronic Letter to John Iani, EPA, from Tom Fitzsimmons, DOE, Comment on EPA Draft Temperature Criteria Guidance Attachment Att. 1: Specific Comments on the Regional Temperature Guidance, Dept. of Ecology
667	2/25/02	Email to Chris Mebane, DEQ, et al, from Dale McCullough, CRITFC, re: UW Website on Regional Temperature Distribution
668	2/2002	Workshop Summary, EPA R10 State and Tribal Guidances on Temperature Water Quality Standards
669	2/2002	–Draft: Application of New Approach to Water Quality Temperature Criteria, Chiwawa River Case Study –Potential Salmon and Distribution in the Chiwawa River Basin, Report Part of Temperature Case Study on Chiwawa
670	3/4/02	Technical Workgroup Meeting handwritten notes
671	3/7/02	Email to Dru Keenan, EPA, from Dale McCullough, CRITFC, re: Response to Temperature Challenges
672	3/8/02	Email to Don Essig, from Geoffrey Poole, EPA, re: Comments on Idaho's Dissenting Opinions
673	3/8/02	Email to Don Essig, DEQ, et al, from Dale McCullough, CRITFC, re: Stress Indicators, Bull Trout
674	3/11/02	Email train between Jason Dunham, USDAFS, and Dru Keenan, EPA, et al, re: Response to Temperature Challenges
675	3/15/02	Email train between Cathy Tortorici, NOAA, John Palmer, EPA, et al, re: Steps to finalize the temperature guidance
676	3/15/02	Email to John Palmer, EPA, and Technical Workgroup, from Geoffrey Poole, EPA, re: Final Report on Temperature Case Study on Chiwawa River Attachments Att. 1: Application of New Approaches to Water Quality Temperature Criteria, Chiwawa River Case Study Att. 2: Potential Salmonid Distributions in the Chiwawa River Basin
677	3/19/02	Agenda for Regional Temperature Guidance Project, Joint Policy and Technical Workgroup Meeting with handwritten notes Attachments Att. 1: Homework Items Att. 2: Theoretical SLS Application Scenarios Att. 3: Rough Timeline for Completion of Temperature Guidance Att. 4: Theoretical SLS Application Scenarios Att. 5: Rough Timeline for Completion of Temperature Guidance

DOC. NO.	DATE	DOCUMENT
678	3/25/02	Email to Chris Mebane, DEQ, et al, from Dale McCullough, CRITFC, re: Incredible Spring Chinook Escapement in 2001 Attachment Att. 1: Notes on bull trout growth vs. temperature at various ration levels by Dale McCullough
679	4/2/02	Letter to Senator Michael Crapo, from Christine Todd Whitman, EPA, re: Response to Comments from Senator Crapo
680	4/4/02	Changes from Draft to Proposed Final by John Palmer, EPA
681	4/10/02	Draft: Theoretical SLS Spatial Application Scenarios
682	4/9/02	Email to Dru Keenan, EPA, et al, from John Palmer, EPA, re: Temperature Policy/Technical Meeting this Friday
683	4/15/02	SLS Application Options (Drafts): –Option 1: Warm Optimal SLS Range Applied in Summer –Option 2: Cold Water Patches Alternative with handwritten notes –Option 3: Incorporate Marginal/Limited Use with handwritten notes –Issues/Assumptions for All Options and handwritten notes
684	4/11/02	Draft Agenda for Technical Workgroup Retreat, Bull Trout Meeting Attachments Att. 1: Handwritten notes Att. 2: Final Report to the National Council of the Paper Industry for Air and Stream Improvement Att. 3: A Multiple Lines of Evidence Approach to Selecting Temperature Criteria that Fully Protect Washington's Native Char Populations Att. 4: Presentation of Bull Trout Meeting with Talking Points by Jasen Dunhanis
685	4/15/02	Email to Dru Keenan, EPA, from Geoffrey Poole, EPA, re: Ideas for Response to Sullivan's Approach to Temperature
686	4/15/02	Email to Don Essig from Geoffrey Poole, EPA, re: Interannual Variation in Stream Temperature
687	4/18/02	Draft: Synthesis of Public Comments on EPA's Draft Temperature Guidance
688	4/18/02	Memo to John Palmer, EPA, from Jeff Lockwood, NMFS, re: Feedback on EPA's Proposed Framework Attachments Att. 1: Email to John Palmer, EPA, et al, from Patti Howard, CRITFC, re: Temperature Feedback and Next Meetings Att. 2: Email to John Palmer, EPA, et al, from Don Essig, DEQ, re: Temperature Feedback and Next Meetings Att. 3: Email to John Palmer, EPA, et al, from Dave Peeler, re: Temperature Feedback and Next Meetings Att. 4: Email to John Palmer, EPA, from Mark Charles, DEQ, re: Oregon DEQ Temperature Feedback

DOC. NO.	DATE	DOCUMENT
689	4/18/02	Comments on EPA's Proposed Framework for Temperature Guidance Attachments Att. 1: Email to John Palmer, EPA, et al, from Mark Charles, DEQ, re: comments with handwritten notes Att. 2: Email to John Palmer, EPA, et al, from Dave Peeler, re: comments with handwritten notes Att. 3: Email to John Palmer, EPA, et al, from Don Essig, re: comments with handwritten notes Att. 4: Electronic memo to John Palmer, EPA, from Jeff Lockwood, NMFS, re: comments and handwritten notes Att. 5: Email to Randy Smith, EPA, et al, from Patti Howard, CRITFC, re: comments Att. 6: Feedback on EPA's Proposed Framework for Temperature Guidance from Nez Perce and handwritten comments
690	4/23/02	Emailed Article: Spring Chinook Prediction Falls Short by Jonathan Brinckman
691	4/24/02	Email train between Geoffrey Poole, EPA, Don Essig, DEQ, et al, re: The Dworshak Effect
692	5/2002	EPA to Issue Second Draft of Regional Water Temperature Guidance for Public Review
693	5/2/02	Email to John Palmer, EPA, from Stephen Zylstra, re: Comments on New Proposed Guidance
694	5/2/02	--Email to Dru Keenan, EPA, et al, from John Palmer, EPA, re: Draft Policy/Technical Meeting Agenda for May 6 <sup>th</sup> --Timeline for Completion of Temperature Guidance with handwritten notes --Email to Dru Keenan, EPA, et al, from John Palmer, EPA, re: Draft Outline of Revised Temperature Guidance with attachments: Att.1: Temperature Guidance Outline with handwritten notes Att.2: Recommended Framework for Temperature Guidance Att. 3: SLS Application Options, Issues/Assumptions for All Options with handwritten notes Att. 4: Option 1: Warm Optimal SLS Range Applied in Summer with handwritten notes Att. 5: Option 2: Cold Water Patches Alternative with handwritten notes Att. 6: Option 3: Incorporate Marginal/Limited Use with handwritten notes --Handout B from Policy Workgroup Meeting with handwritten notes --Handout C from Policy Workgroup Meeting with handwritten notes --Handout C1 from Policy Workgroup Meeting, Bull Trout Criteria for Juvenile Rearing --Review of Proposed Regional Temperature Criteria by D.W. Chapman with handwritten notes
695	5/3/02	Email to John Palmer, EPA, et al, from Jeff Lockwood, NOAA, re: Draft Temperature Effects on Salmonid Populations Attachment Att. 1: Draft: Evidence that Altered Water Temperatures have Affected Populations of Pacific NW Salmonid Fishes by Jeff Lockwood and Dale McCullough

DOC. NO.	DATE	DOCUMENT
696	5/3/02	Presentation of The Number for the Upper End of Optimal Temperature for Bull Trout by Jason Dunham
697	5/7/02	Email to Dru Keenan, EPA, et al, from Dale McCullough, CRITFC, re: Refugia
698	5/9/02	Email to Dru Keenan, EPA, et al, from Shelly Spalding, USFWS, re: Bull Trout Panel of Experts
699	5/14/02	Email to Shelley Spalding, USFWS, et al, from John Palmer, EPA, re: New "Straw" SLS Criteria and Application
700	5/14/02	Email to John Palmer, EPA, from Dale McCullough, CRITFC, re: Elevation Based Temperature Model
701	5/15/02	Email train between Shelly Spalding, USFWS, and Geoffrey Poole, EPA, et al, re: Bull Trout Panel of Experts
702	5/15/02	Email to Geoffrey Poole, EPA, et al, from Mark Hicks, re: Bull Trout Panel of Experts
703	5/9/02 - 5/15/02	Discussion Questions from Shelly, Mark Hicks, Don Essig, Chris Mebane
704	5/3/02	Draft: Evidence that Altered Water Temperature have Affected Populations of Pacific NW Salmonid Fishes by Jeff Lockwood and Dale McCullough
705	5/21/02	--Agenda for Technical Meeting (handwritten notes) --Email chain between Dru Keenan, EPA, Shelly Spalding, USFWS, et al, re: Questions for meeting --Handwritten notes from technical workgroup meeting --Upper Klamath Basin presentation by Debra S. --Draft: Summary of Temperature Requirements for Indigenous Aquatic by Hicks
706	5/23/02	Email to Dru Keenan, EPA, et al, from Dale McCullough, CRITFC, re: Core/Marginal – thoughts Attachment Att. 1: Hypothetical Discussion of Developing Temperature Criteria Using Bull Trout Requirements as an Example by Dale McCullough
707	5/28/02	Email to Dru Keenan, EPA, et al, from John Palmer re: Temperature Policy/Technical Meeting Draft Agenda with handwritten notes Attachments Att. 1: Draft: SLS Criteria and Application Straw Option: strikeout version Att. 2: Draft: SLS Criteria and Application Straw Option: redline version Att. 3: Oregon Temperature Criterion for T&E Species Att. 4: Ecology Draft Standards: Concept and Alt. Draft Att. 5: Various Charts
708	5/30/02	Telephone Record re: Growth Temperature Studies for Bull Trout at the USFWS Bozeman Fish Technology Center



DOC. NO.	DATE	DOCUMENT
709	6/3/02	–Draft: Temperature Stakeholder Meetings Roster –Presentation: EPA R10 Draft Temperature Guidance
710	6/4/02	Draft: SLS Criteria and Application Straw Option with handwritten notes
711	6/10/02	Email train between Shelly Spalding and Technical Workgroup participants, re: Bull Trout Peer Review
712	6/17/02	Email to Dru Keenan, EPA, et al, from Debra Sturdevant, DEQ, re: Questions for Bull Trout Peer Review and handwritten notes
713	6/18/02	Table: Estimates of Thermal Conditions Known to Support Various Life and Biological Function of Bull Trout and Anadromous Salmon
714	6/18/02	Email to Dru Keenan, EPA, et al, from Debra Sturdevant, DEQ, re: Questions for Bull Trout Peer Review
715	6/18/02	Draft: EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (Edited Version of 2 <sup>nd</sup> Draft) by Dale McCullough
716	6/24/02	Draft: Questions for Bull Trout Peer Review by John Palmer, EPA
717	6/24/02	Email to John Risely from Jeff Lockwood, re: Elevation Based Temperature Model
718	6/26/02	Email to John Palmer, EPA, et al, from Dave Mabe, re: Updated Status on Idaho Temperature Meetings with handwritten notes
719	6/27/02	Agenda for NWPPA River Mills Task Force Attachments Att. 1: Notes from Stakeholder Meetings on Revisions to Draft Temperature Guidance Att. 2: Attendees List
720	6/27/02	Draft: Bull Trout Peer Review Questions
721	6/27/02	Draft: Bull Trout Peer Review Questions with comments in bold print
722	6/27/02	Draft: Bull Trout Peer Review Questions from John
723	7/2/02	Bull Trout Peer Review Questions Critique and Suggestions by Dale McCullough
724	6/20/02	Email to Technical Workgroup from John Palmer, EPA, re: J. Risely's Proposal on Evaluation Model Attachment Att. 1: Draft USGS Proposal: Analysis of Water Temperature and Landscape Attributes to Assist the Development of Water Temperature Standards for Pacific NW States and Indian Tribes
725	6/02	Email to Jeff Lockwood from John Risely, re: Elevation Based Temperature Model
726	7/2/02	Mark Hicks' Comments on Bull Trout Peer Review Question Critique and Suggestions by Dale McCullough

DOC. NO.	DATE	DOCUMENT
727	7/3/02	Letter to Bull Trout Temperature Peer Review Group from Shelly Spalding, USFWS, re: questions and papers on bull trout Attachments Att. 1: Bull Trout Peer Review Questions Att. 2: Dissenting Opinion on Biological Threshold Numbers Att. 3: EPA's Proposed Recommendation Att. 4: Evaluating Standards for Protecting Aquatic Life in Washington's Surface Water Quality Standards, Temperature Criteria, Draft Att. 5: Multiple Lines of Evidence for Determining Upper Optimal Temperature Thresholds for Bull Trout
728	7/3/02	Methods for Delineating Users by John Palmer
729	2002	Presentation: EPA R10 Draft Temperature Guidance, Update, with handwritten notes
730	6/18/02	Draft: EPA R10 Guidance for State and Tribal Temperature Water Quality Standards, 2 <sup>nd</sup> Public Review Draft, with handwritten notes Attachment Att.1: Email message from Mark Hicks to John Palmer, EPA, et al, re: Working Draft of Revised Temperature Guidance
731	6/18/02	Draft: EPA R10 Guidance for State and Tribal Temperature Water Quality Standards, 2 <sup>nd</sup> Public Review Draft, comments from Idaho
732	7/17/02	Draft: EPA R10 Guidance for State and Tribal Temperature Water Quality Standards, 2 <sup>nd</sup> Public Review Draft, handwritten comments from Jeff Lockwood, NOAA
733	6/18/02	Draft: EPA R10 Guidance for State and Tribal Temperature Water Quality Standards, 2 <sup>nd</sup> Public Review Draft, Editorial Comments by Dale McCullough
734	7/12/02	Email to John Palmer, EPA, et al, from Stephen Zylstra, USFWS, re: Regional Temperature Guidance
735	7/12/02	Memo to John Palmer, EPA, from Mark Charles, ODEQ, re: 6/18 Working Draft Temperature Guidance
736	7/10/02	Memo to John Palmer, EPA, from Russell Strach, NMFS, re: Reply to your request for comments on the 6/18/02 Draft R10 Temperature Guidance
737	7/15/02	Memo to John Palmer, EPA, from Patti Howard and Dale McCullough, re: CRITFC Staff Comments on 2 <sup>nd</sup> Public Review Document for Draft Guidance
738	7/31/02	Letter to John Palmer, EPA, from Don Essig, IDEQ, re: Comments on 6/18 Working Draft Temperature Guidance
739	8/12/02	Major Decision Regarding the Draft Temperature Guidance; comments from Idaho
740	4/17/03	Email from John Palmer, EPA, requesting HQ review of acknowledgments page

DOC. NO.	DATE	DOCUMENT
741	8/12/02	Memo to Dru Keenan, EPA, from Jeff Lockwood, NMFS, re: Comments on the EPA document: Major Decisions Regarding the Draft Temperature Guidance (8/5/02)
742	7/10/02	Memo to John Palmer, EPA, from Russell Strach, NMFS, re: Reply to Your Request for Comments on Draft R10 Temperature Guidance
743	7/12/02	Memo to John Palmer, EPA, from Mark Charles, ODEQ, re: 6/18 Working Draft Temperature Guidance
744	7/15/02	Memo to John Palmer, EPA, from Patti Howard and Dale McCullough, re: CRITFC Staff Comments on Draft R10 Temperature Guidance
745	7/12/02	Email to John Palmer, EPA, et al, from Stephen Zylstra, USFWS, re: Regional Temperature Guidance Comments
746	7/29/02	Email to John Palmer, EPA, et al, from Ann Goos, re: Notes from our meeting on July 17 <sup>th</sup> Attachment Att. 1: EPA Meeting with Representatives of the Forestry Sector - Temperature Guidance Project: July 17, 2002
747	8/6/02	Memo to John Palmer, EPA, from Dale McCullough, CRITFC, re: Email from J. Palmer, "Mulling over the Metric"
748	8/5/02	Email to Policy Workgroup from John Palmer, EPA, re: Major Decisions Attachment Att. 1: Major Decisions Regarding the Draft Temperature Guidance
749	8/6/02	Email to Technical Workgroup from John Palmer, EPA, re: Temperature Metric
750	8/9/02	Email to John Palmer, EPA, from Don Essig, re: Temperature Metric Attachment Att. 1: Issues Related to Temperature Measurement and Monitoring
751	8/9/02	Email to John Palmer, EPA, from Jason Dunham, re: Temperature Metric
752	8/9/02	Additions for Revisions to 2 <sup>nd</sup> Draft Guidance by Dru Keenan
753	8/9/02	Email to Workgroup from D. Sturdevant, re: Temperature Metric Attachment -graphs (2)
754	8/12/02	--Temperature Meeting Roster with handwritten notes -Presentation: EPA R10 Draft Temperature Guidance with handwritten notes
755	8/12/02	Memo to Dru Keenan, EPA, from Jeff Lockwood, NMFS, re: Comments on EPA document Major Decisions Regarding the Draft Temperature Guidance
756	8/12/02	Major Decisions Regarding the Draft Temperature Guidance with comments

DOC. NO.	DATE	DOCUMENT
757	8/13/02	Letter to Randall Smith, EPA, from D. Robert Lohn, NOAA, re: Reinitiation of Formal Consultation on EPA's Approval of Oregon's Water Quality Standards for Dissolved Oxygen, Temperature, and Ph, and Accompanying Conservation Measures
758	8/17/02	Letter to Randy Smith, EPA, from Geoffrey Poole, Ecometrics, Inc., re: comments
759	8/19/02	Draft Table of Thresholds Per Life History Stage
760	8/20/02	Outline for the Addition to the Modeling Text by John Palmer
761	8/20/02	Outline for Restoration Strategies by John Palmer
762	8/20/02	Guidance Page 3 Insert
763	8/22/02	Draft Language on Modeling Requirement
764	8/29/02	Comments on August 29, 2002 2 <sup>nd</sup> Public Review Draft of EPA R10 Temperature Guidance by Don Essig, IDEQ
765	8/29/02	Email to Dru Keenan, EPA, et al, from John Palmer, EPA, re: Revised Temperature Guidance Attachments Att. 1: Draft EPA R10 Guidance with handwritten notes Att. 2: Email to Kerianne Gardner, EPA, et al, from Jannine Jennings, EPA, re: Some numbers on Oregon's Draft 303(d) List
766	8/29/02	Comments from Mark Hicks on Draft EPA R10 Guidance for Temperature Guidance with handwritten notes
767	9/12/02	Email to Dru Keenan, EPA, et al, from John Palmer, EPA, re: Tomorrow's (9/13) Temperature Meeting
768	9/12/02	Notes on R10 Temperature Criteria Guidance Project Attachment Att. 1: EPA to Issue Second Draft of Regional Water Temperature Guidance for Public Review announcement
769	9/12/02	Email to Dru Keenan, EPA, et al, from Dale McCullough, CRITFC, re: Tomorrow's (9/13) Temperature Meeting Attachment Att. 1: Comments by Dale McCullough (CRITFC technical input) on Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
770	9/12/02	Comments by Dale McCullough (CRITFC technical input) on Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards with handwritten notes
771	9/16/02	Email to John Palmer, EPA, from Shelly Spalding, USFWS, re: Comments on 2 <sup>nd</sup> draft of Temperature Guidance with handwritten notes
772	9/18/02	Temperature Graphs with Average Expected Performance

DOC. NO.	DATE	DOCUMENT
773	9/19/02	Email to Technical Workgroup from Shelly Spalding, re: Summary of Bull Trout Peer Review Attachment Att. 1: Bull Trout Temperature Criteria Peer Review Panel
774	9/19/02	Bull Trout Temperature Thresholds Peer Review Summary prepared by Christopher A. Myrick, USFWS
775	9/23/02	Agenda for Temperature Project Meeting with handwritten notes
776	9/24/02	Memo to John Palmer, EPA, et al, from Patti Howard (Watershed) and Dale McCullough (Fish Science), re: EPA R10 Temperature Guidance Staff Comments with handwritten notes
777	9/24/02	Memo to John Palmer, EPA, et al, from Patti Howard (Watershed) and Dale McCullough (Fish Science), re: EPA R10 Temperature Guidance Staff Comments with handwritten notes
778	9/24/02	Letter to D. Robert Lohn, NMFS, from Randall Smith, EPA, re: Reinitiation of Formal Consultation on EPA's Approval of Oregon's Water Quality Standards
779	9/24/02	Big Issues and Recommended Changes to 8/29/02 Draft by John Palmer, EPA
780	9/26/02	Email to John Palmer, EPA, from Dale McCullough, CRITFC, re: One Additional Edit
781	9/30/02	Section V.1.2. Discussion of Use and Criteria Presented in Table 3, Bull Trout Juvenile Rearing
782	10/1/02	Memo to John Palmer, EPA, et al, from Debra Sturdevant, DEQ, re: EPA Temperature Guidance, August 29 Working Draft and September 30 Revisions with handwritten notes
783	10/1/02	Email to Dru Keenan, EPA, et al, from Stephen Zylstra, USFWS, re: Emailed Comments on Pre-Released Version of 2 <sup>nd</sup> Draft Temperature Guidance
784	10/1/02	Memo to John Palmer, EPA, et al, from Debra Sturdevant, DEQ, re: EPA Temperature Guidance, August 29 Working Draft and September 30 Revisions
785	10/3/02	Email to Policy Workgroup from John Palmer, EPA, re: Policy Call
786	10/3/02	Email to John Palmer, EPA, from Mark Hicks, re: Revised Temperature Guidance – Feedback Attachment Att. 1: Comments on Draft Temperature Guidance
787	10/3/02	Email to John Palmer, EPA, from Jeff Lockwood, NMFS, re: Pre-release version of 2 <sup>nd</sup> Draft Temperature Guidance

DOC. NO.	DATE	DOCUMENT
788	10/4/02	Memo to John Palmer, EPA, et al, from Patti Howard and Dale McCullough, re: Staff Concerns Regarding Public Release of EPA R10 Temperature Guidance Attachments Att. 1: Memo to John Palmer, EPA, et al, from Patti Howard and Dale McCullough, re: Staff Concerns Regarding Public Release of EPA R10 Temperature Guidance; staff comments Att. 2: Comments by Dale McCullough (CRITFC technical input) on Draft R10 Temperature Guidance (9/12/02)
789	2002	Presentation: EPA R10 Draft Temperature Guidance, Overview of 2 <sup>nd</sup> Public Review Draft
790	2002	Public Review: EPA Issues Second Draft of Regional Water Temperature Guidance for Public Review
791	10/02	Announcement: EPA Issues Second Draft of Regional Water Temperature Guidance for Public Review
792	10/10/02	Draft: EPA R10 Guidance for Pacific NW State and Tribal Temperature Water Quality Standards, 2 <sup>nd</sup> Public Review Draft
793	10/10/02	Letter to Ernest Stensgar, Coeur d'Alene Tribal Council, from L. John Iani, EPA, re: Revised Draft of EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
794	10/10/02	Email notice re: Availability of 2 <sup>nd</sup> Draft of Temperature Guidance for Review and Announcement of Workshops
795	2002	Synopsis of Comments on EPA R10 Guidance on State and Tribal Temperature Water Quality Standards, Second Draft
796	2002	Draft Comment Summary on EPA R10 Guidance on State and Tribal Temperature Water Quality Standards, Second Draft
797	11/21/02	Email to John Palmer, EPA, from Patti Howard, re: Comments on Questions for Peer Review Panel
798	11/21/02	Email to John Palmer, EPA, from Jason Dunham, re: Response to Request for Questions for Peer Review Panel
799	10/22/02	Email to EPA National Water Quality Standards Coordinators from Dru Keenan, EPA, re: Draft Temperature Guidance
800	11/26/02	Electronic letter to John Palmer, EPA, from Joan Crooks, re: 2 <sup>nd</sup> Draft of Regional Water Temperature Guidance
801	11/26/02	Electronic letter to Randy Smith, EPA, from Michael Llewelyn, re: Comments on 2 <sup>nd</sup> Draft of Regional Water Temperature Guidance
802	11/26/02	Questions for the Scientific Peer Review Panel, EPA's 2 <sup>nd</sup> Draft Temperature Guidance, by John Palmer, EPA
803	11/26/02	Email to Technical Workgroup from John Palmer, EPA, re: Peer Review Panel Meeting of 12/3/02

DOC. NO.	DATE	DOCUMENT
804	11/26/02	Comments on Draft of Response to Letter from Oregon Forest Industry Commission (OFIC)
805	12/3/02	Summary of Scientific Peer Review Discussion Concerning U.S. EPA R10 Guidance for Stream Temperature Water Quality Standards Attachment Att. 1: summary
806	11/6/02	Original Transcript of Public Meeting: In the Matter of EPA Issues, 2 <sup>nd</sup> Draft of Regional Water Temperature Guidance for Public Review
807	11/7/02	Copy of Transcript: EPA R10 Draft Temperature Guidance, Overview of 2 <sup>nd</sup> Public Review Draft
808	11/15/02	Copy of Transcript: Temperature Criteria Workshop before Randy Smith, EPA, David Mabe, IDEQ
809	11/6/02	EPA Regional Water Temperature Guidance Public Meeting Attendance Sheets
810	11/7/02	EPA Regional Water Temperature Guidance Public Meeting Attendance Sheets
811	11/3/02	Fax to John Palmer, EPA, et al, from Emily Charoglu, EnviroIssues, re: Sign-in Sheets from Temperature Criteria Workshop
812	11/15/02	Email to Technical Workgroup from John Palmer, EPA, re: Questions for Peer Review Panel's Review of 2 <sup>nd</sup> Draft of Temperature Guidance
813	11/18/02	Email to John Palmer, EPA, from Don Essig, re: 2 <sup>nd</sup> Response to Questions for Peer Review Panel
814	11/18/02	Email to John Palmer, EPA, from Don Essig, re: Response to Request for Questions for Peer Review Panel
815	11/18/02	Email to John Palmer, EPA, from Shelly Spalding, re: Response to Request for Questions for Peer Review Panel
816	11/18/02	Email to John Palmer, EPA, from Dale McCullough, re: Response to Request for Peer Review Panel
817	11/21/02	Email to John Palmer, EPA, from Dale McCullough, re: Response on Questions for Peer Review Panel
818	11/21/02	Questions for the Scientific Peer Review Panel, EPA's 2 <sup>nd</sup> Draft Temperature Guidance by John Palmer, EPA
819	11/26/02	Electronic letter to John Iani, EPA, from Don Sampson, re: Columbia River Inter-Tribal Fish Commission (CRITFC) Comments on Draft EPA R10 Temperature Guidance
820	11/26/02	Questions for the Scientific Peer Review Panel, EPA's 2 <sup>nd</sup> Draft Temperature Guidance



DOC. NO.	DATE	DOCUMENT
821	11/27/02	Electronic letter from Brent Foster, Attorney, to John Palmer, EPA, re: Comments on 2 <sup>nd</sup> Draft EPA R10 Temperature Guidance
822	12/9/02	Electronic memo to Policy Workgroup from John Palmer, EPA, re: ESA/Service Endorsement of Temperature Guidance
823	2/27/03	Email to John Palmer, EPA, from Elizabeth Materna, re: A Few Minor Editorial Comments
824	12/13/02	Highlights of Stakeholder Comments on 2 <sup>nd</sup> Draft of Temperature Guidance Attachments Att. 1: Policy Workgroup Highlights Att. 2: Some Key Issues Raised at Public Workshops
<b>2003</b>		
825	1/6/03	Major Comments on 2 <sup>nd</sup> Draft of Temperature Guidance
826	1/7/03	Major Comments (categorized) on 2 <sup>nd</sup> Draft of Temperature Guidance
827	1/15/03	Draft Comment Summary re: EPA R10 Temperature Guidance
828	1/16/03	Draft: Possible Changes to Temperature Guidance
829	1/23/03	Email to Marianne Deppman, EPA, et al, from John Palmer, EPA, re: Temperature Meeting Agenda and other Materials
830	1/23/03	Email to Policy Workgroup from John Palmer, EPA, re: Upcoming Meeting on Draft Guidance
831	1/23/03	Email to Policy Workgroup from John Palmer, EPA, re: Policy Workgroup Attachment Att. 1: Adoption of Mixing Zone Provisions to Protect Salmonids
832	2/9/03	Draft Review of WA Proposed WQS for Issues Addressed in EPA's Temperature Guidance by John Palmer, EPA
833	2/14/03	Draft: EPA R10 Guidance for Pacific NW State and Tribal Temperature Water Quality Standards with comments from Dale
834	2/14/03	Draft EPA R10 Guidance for Pacific NW State and Tribal Temperature Water Quality Standards
835	3/03	EPA R10 Draft Temperature Guidance: Overview
836	3/11/03	Draft EPA R10 Guidance for Pacific NW State and Tribal Temperature Water Quality Standards
837	3/11/03	Draft: EPA R10 Guidance for Pacific NW State and Tribal Temperature Water Quality Standard with comments from Don Essig
838	3/17/03	Email to John Palmer, EPA, et al, from Jeff Lockwood, NOAA, re: Forward Comment on Temperature Guidance



DOC. NO.	DATE	DOCUMENT
839	3/24/03	First Cut at Responses to Major Comments on 2 <sup>nd</sup> Draft of Temperature Guidance
840	2003	Public Comment Summary
841	4/03	EPA R10 Temperature Guidance Overview
842	4/15/03	Draft: Five Key Questions and Responses by John Palmer, EPA
843	4/21/03	Faxed Document: Comments from NMFS–Oregon Habitat Branch on EPA R10 Temperature Guidance
844	4/21/03	Letter to John Iani, EPA, from David Wesley, USDO, re: USFWS Comments and Assurances on Final Temperature Guidance
845	4/23/03	Letter to John Iani, EPA, from Robert Lohn, NMFS-NOAA, re: Comments and Assurances on Final Temperature Guidance
846	4/29/03	Press Release from CRITFC on Temperature Guidance
847	4/2003	EPA Fact Sheet: EPA Issues Final Water Temperature Guidance
848	2003	Table 3: Recommended Criteria that Apply to Summer Maximum Temperatures
849	4/21/03	Final Draft: EPA R10 Guidance for Pacific NW State and Tribal Temperature Water Quality Standards with comments from Dale McCullough
850	4/03	EPA Fact Sheet: EPA Issues Final Water Temperature Guidance
851	4/23/03	Letter to John Iani, EPA, from D. Robert Lohn, NOAA, re: Comments on EPA's Temperature Guidance
852	5/1/03	Notice on Temperature Guide from Office of Standard and Technology Newsletter
853	5/26/03	Draft: Recent Record Salmon Runs, Are We Out of the Woods? by Derek Poon, EPA
854	6/6/03	-Map: Coho Distribution and Stream Use in the Umpqua Basin -Map: Fall Chinook Distribution and Stream Use in the Umpqua Basin
<b>Undated</b>		
855	undated	Draft Agenda for EPA Temperature Guidance Meeting with handwritten notes
856	undated	Questions for the Technical Workgroup with Regard to Options and Debra's Suggested Questions
857	undated	The Case for Regime-Based Water Quality Standards by Geoffrey C. Poole, Jason B. Dunham, et al

DOC. NO.	DATE	DOCUMENT
858	undated	Agenda for Temperature Policy Workgroup Policy Call
859	undated	Summary of Key Issues from Temperature Policy Meeting
860	undated	Figures of Umatilla River Corridor
861	undated	Graphs on Metrics by Jason Dunham
862	undated	Members of the Temperature Project Policy Workgroup
863	undated	Excerpt from a Report on Bull Trout Distribution
864	undated	Bull Trout Peer Reviewers Contact Information
<b>Public Comments: 1st Draft of Regional Water Temperature Guidance</b>		
865	2/22/02	Commenter Identification for Draft Comment Summary Table on Draft EPA R10 Guidance on State and Tribal Temperature Water Quality Standards
866	2/27/02	Letter to Randy Smith, EPA, from Cynthia U. Barry, USFWS, re: draft temperature criteria guidance
867	2/21/02	Letter to L. John Iani, Regional Administrator, EPA, from John A. Kitzhaber, M.D., State of Oregon, re: State of Oregon Comments on the Draft Guidance on State and Tribal Temperature Water Standards, dated 10/31/01
868	2/22/02	Letter to L. John Iani, Regional Administrator, EPA, from Tom Fitzsimmons, Director, WDOE, re: EPA Draft Temperature Criteria
869	2/21/02	Letter to John Palmer, EPA, from Dirk Kempthorne, Governor, ID, re: Idaho Comments on EPA Region 10 Guidance for State and Tribal Temperature Water Quality Standards Attachments: Att. 1: Letter to John Palmer, EPA, from James L. Caswell, Office of Species Conservation, re: EPA R10 Guidance for State and Tribal Temperature Water Quality Standards Att. 2: Dept. Of Fish and Game Att. 3: Dept. Of Water Resources Att. 4: Dept. Of Agriculture Att. 5: Dept. Of Lands Att. 6: Soil Conservation Comments
870	2/22/02	Letter to John Iani, R10 Administrator, from Don Sampson, Executive Director, Columbia River Inter-Tribal Fish Commission (CRITFC) Attachments: Att. 1: 2002 Winter Conference Portland, OR, "Water Temperature Criteria Guidance" Preamble Att. 2: CRITFC Formal Comments, 2/21/02
871	2/20/02	Letter to John Palmer, EPA, from Samuel N. Penney, Chairman, Nez Perce Tribal Executive Committee, re: Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards

DOC. NO.	DATE	DOCUMENT
872	2/19/02	Letter to Christie Whitman, Administrator, EPA, from Mike Crapo, Ranking Member, Subcommittee on Fisheries, Wildlife, and Water, Gordon H. Smith, U.S. Senator, and Larry E. Craig, U.S. Senator, re: Draft Guidance on Water Quality Standards for Temperature
873	2/22/02	Northwest Pulp and Paper Association Comments on Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (Public Review Draft, Oct. 2001)
874	2/22/02	Electronic letter to John Palmer, EPA, from Nina Bell, Executive Director, re: Regional Temperature Review Draft Proposed Guidance
875	2/22/02	Letter to John Palmer, EPA, from Brent Foster, Attorney for Willamette Riverkeeper and Columbia Riverkeeper, re: Comments on Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
876	2/14/02	Letter to John Palmer, EPA, from LeeAnne Beres, Save Our Wild Salmon, re: Response to Draft EPA Regional Water Temperature Standards
877	2/15/02	Letter to John Palmer, EPA, from Edward M. Henderson, Jr., The Mountaineers, re: Draft Regional Temperature Standards
878	2/22/02	Letter to John Palmer, EPA, from Patricia Sumption, Water and Salmon Committee, Sierra Club Cascade Chapter, re: Response to Draft EPA Regional Water Temperature Standards
879	2/22/02	Letter to John Palmer, EPA, from Jane A. Gorsuch, Intermountain Forest Association, re: Review of Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (Public Review Draft, 10/01)
880	2/20/02	Letter to John Iani, Regional Administrator, EPA, from Thomas L. Partin, American Forest Resource Council, re: Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
881	2/19/02	Letter to John Palmer, EPA, from Jeff Light, Plum Creek, re: Review of Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (Public Review Draft, 10/01)
882	2/21/02	Letter to John Palmer, EPA, from Carol A. Whitaker, Georgia-Pacific, re: Comments on EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
883	2/15/02	Letter to John Palmer, EPA, from Reid Saito, Malheur County Onion Growers Association, re: Draft EPA R10 Guidelines
884	2/22/02	Letter to John Palmer, EPA, from Michael B. White, Dept. of the Army, re: Comments Concerning EPA R10 Draft Water Temperature Guidance for State and Tribal Water Quality Standards

DOC. NO.	DATE	DOCUMENT
885	2/21/02	Letter to John Palmer, EPA, from Lisa Freedman, Acting Director, Natural Resources, and Edward W. Shepard, Deputy State Director for Resource Planning, Use and Protection, re: Comments from Pacific Northwest Region of the USDA Forest Service and Oregon State Office of the Bureau of Land Management on Draft Temperature Guidance from EPA R10 Attachments: Att. 1: Forest Service and Bureau of Land Management Comments to the EPA Draft Temperature Guidance
886	2/22/02	Letter to John Palmer, EPA, from Bradley E. Powell, Regional Forester, USDA, Forest Service, re: EPA R10 Draft Temperature Guidelines
887	2/19/02	Letter to John Palmer, EPA, from Sara S. Kendall, Weyerhaeuser, re: Draft Guidance for State and Tribal Temperature Water Quality Standards
888	2/21/02	Letter to John Palmer, EPA, from Brad Harper, Water for Life, Inc., re: EPA Temperature Guidance Comments
889	2/21/02	Letter to John Palmer, EPA, from Craig Smith, Northwest Food Processors Association, re: R10 Guidance for State and Tribal Temperature Water Quality Standards
890	2/21/02	Letter to John Palmer, EPA, from William A. Dryden, Boise Cascade Corporation, re: EPA Draft Temperature Guidelines Attachments: Att. 1: Comments prepared by Dr. Robert Daehy Att. 2: Selected Sections of Analysis and Comments Att. 3: ODEQ Fact Sheet
891	2/22/01	Letter to John Palmer, EPA, from Mona Peterson, Idaho Women in Timber, re: Draft Guidance for State and Tribal Temperature Water Quality Standards
892	2/1/02	Letter to John Palmer, EPA, from Justin Hayes, Idaho Conservation League, re: Comments on the Draft EPA R10 Guidance for State and Tribal Water Quality Standards
893	2/19/02	Letter to John Palmer, EPA, from Kathy Pratt, Malheur Watershed Council, re: EPA's Draft Temperature Guidance
894	2/21/02	Letter to John Palmer, EPA, from Craig Nelson, Potlatch Corporation, re: Draft EPA R10 Guidance for State and Tribal Water Quality Standards ("Draft Guidance")
895	2/19/02	Letter to Randy Smith, EPA, from Liz Sedler, Alliance for the Wild Rockies, re: Comments on EPA R10 Draft Guidance for State and Tribal Temperature Water Quality Standards
896	2/12/02	Letter to John Palmer, EPA, from Bill Mulligan, Three Rivers Timber, Inc., re: Draft Temperature Guidance
897	2/22/02	Letter to John Palmer, EPA, from Alan L. Prouty, Simplot Corporate HQ, re: Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards

DOC. NO.	DATE	DOCUMENT
898	2/19/02	Letter to John Palmer, EPA, from Nate Marvin, City of Weiser, ID, re: Comment on Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
899	2/22/02	Letter to John Palmer, EPA, from Richard R. Rush, Idaho Association of Commerce and Industry, re: Comments pertaining to EPA draft guidance for developing water quality standards for temperature that protect native salmonids in the Pacific Northwest
900	2/21/02	Letter to John Palmer, EPA, from Bill Sedivy, Idaho Rivers United, re: Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
901	2/22/02	Letter to John Palmer, EPA, from Stuart Hardegree, USDA, re: Comments on Draft EPA Guidance for State and Tribal Temperature Water Quality Standards
902	3/7/02	Letter to John Palmer, EPA, from Susan Giannettino, U.S. Dept.of Interior, Bureau of Land Management, re: Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
903	2/22/02	Letter to John Palmer, EPA, from Keith R. Frank, Potato Growers of Idaho, re: Comments on Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
904	2/22/02	Letter to John Palmer, EPA, from Arleen Pence, Idaho Forest Owners Association, re: Draft Guidance for State and Tribal Temperature Water Quality Standards
905	2/22/02	Letter to John Palmer, EPA, from Frank Priestly, President, Idaho Farm Bureau Federation, re: Comments regarding the "EPA Draft Guidance for Developing Water Quality Standards for Temperature"
906	2/22/02	Letter to John Palmer, EPA, from Roger Stutzman, Idaho Association of Soil Conservation Districts, re: Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
907	2/22/02	Letter to John Palmer, EPA, from Norman M. Semanko, Idaho Water Users Association, Inc., re: Draft Regional Water Temperature Guidance
908	2/22/02	Email to John Palmer, EPA, from Pat Barclay, Idaho Council on Industry and the Environment, re: Comments on Temperature Guidance Document
909	2/22/02	Letter to John Palmer, EPA, from Ken Harward, Association of Idaho Cities, re: Comments on R10 Draft Temperature Guidance Document
910	2/22/02	Letter to John Palmer, EPA, from James C. Tucker, Idaho Power, re: Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
911	2/22/02	Letter to John Palmer, EPA, from Dave Nelson, Idaho Cattle Association, re: EPA R10 Guidance for State and Tribal Temperature Water Quality Standards

DOC. NO.	DATE	DOCUMENT
912	2002	House of Representatives, House Joint Memorial No. 18, re: EPA Draft Temperature Guidance Document for Public Comment
913	3/19/02	Letter to John Palmer, EPA, from Bill Worcester, Oregon Association of County Engineers and Surveyors, re: Comments on EPA's Draft Temperature Guidance
914	2/22/02	Letter to John Palmer, EPA, from Chris Jarmer, Oregon Forest Industries Council, re: Review of the Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (Public Review Draft, 10/01) Attachments: Att. 1: Legal Review Att. 2: Policy Review Att. 3: Technical Review
915	2/21/02	Letter to John Palmer, EPA, from Janet A. Gillaspie, Oregon Association of Clean Water Agencies, re: Comments on Draft Regional Temperature Criteria
916	2/19/02	Letter to John Palmer, EPA, from William Burich, Chiquita Processed Foods, LLC, re: EPA R10 Draft Temperature Guidance
917	2/4/02	Letter to John Iani, EPA, from Gordon Ross, Coos Bay, OR, re: Comments on EPA Draft Temperature Guidance
918	1/21/02	Letter to Mark D. Charles, ODEQ, cc: John Palmer, EPA, from Walt Schroeder, Gold Beach, OR, re: Draft Temperature Guidance Attachments: Att. 1: 12/13/01 Letter to ODEQ on Draft Temperature Guidance Att. 2: 1/15/02 Letter to Walt Schroeder from ODEQ
919	2/22/02	Letter to Dru Keenan, EPA, from John Ledger, Associated Oregon Industries, re: Comments on Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (10/01)
920	2/22/02	Letter to John Palmer, EPA, from Mark W. Nelson, Oregon Metals Industry Council, re: Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (10/01)
921	2/22/02	Letter to John Palmer, EPA, from Anita Winkler, Oregon Water Resources Congress, re: Response to Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards with attachment Att. 1: Addendum to Letter from the Oregon Water Resources Congress
922	2/20/02	Letter to John Palmer, EPA, from Michael S. Kuenzi, City of Klamath Falls, Will Haapala, City of Klamath Falls, re: Comments on Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards with attachment Att. 1: Attainability
923	2/22/02	Letter to John Palmer, EPA, from James Desmond, Owyhee County Natural Resources Committee, re: Draft EPA R10 Guidance for State and Tribal Temperature Water

DOC. NO.	DATE	DOCUMENT
924	2/22/02	Letter to John Palmer, EPA, from Terry Flores, PacifiCorp, re: PacifiCorp's Comments on EPA R10's Guidance for State and Tribal Temperature Water Quality Standards (10/01 Draft)
925	2/21/02	Letter to John Palmer, EPA, from LeeRoy Horton, Fort Rock/Silver Lake Soil and Water Conservation District, re: St. Of OR temperature standards for streams
926	2/8/02	Letter to John Iani, Regional Administrator, EPA, from Senator Ted Ferrioli, OR, and Representative Betsy Close, OR, re: Draft EPA R10 Guidance for State and Tribal Water Quality Standards
927	undated	Comments on EPA Temperature Guidance from Oregon's Cattlemen's Association by Pat Larson, Vice-Chair, Water Committee, and Susie Hammand, Chair, Water Committee, re: Comments on EPA's Draft Temperature Guidance
928	2/22/02	Letter to John Palmer, EPA, from Peter S. Test, Oregon Farm Bureau Federation, re: Review of the Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (Public Review Draft, 10/01)
929	undated	Comments on the Draft EPA Region 10 Guidance for State and Tribal Temperature Water Quality Standards from Wallowa County Board of Commissioners, State of Oregon
930	2/14/02	Letter to John Palmer, EPA, from Dr. Clinton C. Shock, Ontario, OR, re: Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
931	2/19/02	Letter to John Palmer, EPA, from Owyhee Watershed Council, re: Public Comment on EPA's Draft Temperature Guidance
932	2/1/02	Email to John Palmer, EPA, from Larry Lamperti, re: Water Quality Standards
933	2/22/02	Letter to John Palmer, EPA, from Ann Goos, Washington Forest Protection Association, re: Review of the Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (Public Review Draft, 10/01) Attachment Att. 1: Comments
934	2/22/02	Letter to John Palmer, EPA, from Hertha L. Lund, Washington State Farm Bureau, re: Comments on Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (Public Review Draft, 10/01)
935	2/21/02	Letter to John Palmer, EPA, from Roy G. Metzgar, Everett Public Works, re: Proposed guidance for regional water temperature - review comments Attachment Att. 1: Comments
936	2/19/02	Letter to John Palmer, EPA, from John Gorman, Simpson, re: Comments on EPA R10 Guidance for State and Tribal Temperature Water Quality Standards



DOC. NO.	DATE	DOCUMENT
937	2/22/02	Letter to John Palmer, EPA, from Blake S. Rowe, Longview Fibre Company, re: Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (Public Review Draft, 10/01)
938	2/4/02	Letter to John Palmer, EPA, from Harry Bell, Green Crow, re: Draft Guidance for State and Tribal Temperature Water Quality Standards Attachment Att. 1: Fact Sheet
939	2/14/02	Letter to John Palmer, EPA, from Joan Crooks, Washington Environmental Council, re: EPA Regional Temperature Guidance with attachment Att. 1: Comments
940	2/22/02	Letter to John Palmer, EPA, from Robert W. Clubb, Ph.D., Public Utility District No. 1 of Douglas County, re: Comments on EPA R10 Draft Temperature Guidelines
941	2/22/02	Letter to John Palmer, EPA, from Nels Hanson, Washington Farm Forestry Association, re: Comments
942	2/21/02	Comments on Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards Submitted on Behalf of Washington Trout by Nick Gayeski
943	2/22/02	Letter to John Palmer, EPA, from Naki Stevens, Audubon Washington, re: Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
944	2/20/02	Letter to John Palmer, EPA, from Robert Meier, Rayonier, re: Review of the Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (Public Review Draft, October 21, 2001)
945	2/21/02	Letter to John Palmer, EPA, from Scott E. Swanson, West Fork Timber Company, LLC, re: Comments on Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards (Public Review Draft, October 21, 2001)
946	2/22/02	Letter to John Palmer, EPA, from Clifford R. Sears, Public Utility District No. 2 of Grant County, re: Grant PUD's Comments on EPA R10 Draft Guidance for State and Tribal Temperature Water Quality Standards with attachment Att. 1: General Comments
947	3/8/02	Memo to John Palmer, EPA, from Ed Connor, Seattle City Light, re: Hard copy of comments on draft temperature guidance Att. 1: Letter to John Palmer, EPA, from Nancy Glaser, Seattle City Light, Sally Marquis, Seattle Public Utilities, re: EPA Draft Temperature Guidance for Pacific Northwest
948	2/22/02	Letter to John Palmer, EPA, from Rick Dieker, Yakima Basin Joint Board, re: Comments on Draft EPA Temperature WQS Report
949	2/22/02	Letter to John Palmer, EPA, from Jim Weber, Staff Attorney, Skagit System Cooperative, re: Comments on EPA's Draft Temperature Guidance for State and Tribal Temperature Water Quality Standards



DOC. NO.	DATE	DOCUMENT
950	11/19/01	Email to John Palmer, EPA, et al, from Steven E. George, re: Temperature Guidance Comments with attachment Att. 1: A Review of the Teanaway Temperature TMDL
951	12/31/01	Letter to John Palmer, EPA, from Scott M. Hansen, Puget Creek Restoration Society, re: Comments and Concerns regarding Draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
952	2/22/02	Letter to John Palmer, EPA, from Grant Nelson, Association of Washington Business, re: Comments on Draft EPA Guidance Att. 1: Letter to John Palmer, EPA, from Betsy Cooper, Curtis DeGasperi, King County Wastewater Treatment Division, and Luanne Coachman, King County Water and Land Resources Division, re: R10's Draft Regional Temperature Criteria
953	2/22/02	Letter to John Palmer, EPA, from Thomas G. Myrum, Washington State Water Resources Association, re: Response to Draft EPA Region 10 Guidance for State and Tribal Temperature Water Quality Standards
954	undated	Electronic letter to John Palmer, EPA, from Steven Hays, Chelan Public Utility District, re: Comments on EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
955	12/5/01	Letter to John Palmer, EPA, from Mike Mihelich, Kootenai Environmental Alliance, re: Comments in Response to R10 Draft Guidance for State Temperature WQS
956	12/4/01	Letter to John Palmer, EPA, from Paul Hanneman, Charles Hurliman, and Tim Josi, Board of Commissioners for Tillamook County, OR, re: EPA Draft Temperature Guidance
957	12/21/01	Letter to John Palmer, EPA, from Scott M. Hansen, Puget Creek Restoration Society, re: Comments and Concerns Regarding draft EPA R10 Guidance for State and Tribal Temperature Water Quality Standards
<b>Public Comments: 2<sup>nd</sup> Draft of Regional Water Temperature Guidance</b>		
958	11/22/02	Letter to John Palmer, EPA, from Lori Sundstrom, Manager, OR Dept. of Transportation, re: Comments on EPA R10 Guidance for Pacific Northwest State and Tribal Temperature Water Quality Standards, 2 <sup>nd</sup> Public Review, 10/10/02
959	11/26/02	Letter to John Palmer, EPA, from Ann Goos, Washington Forest Protection Association, re: Comments in response to the 2 <sup>nd</sup> Public Review Draft
960	11/23/02	Letter to John Palmer, EPA, from Alan L Prouty, J.R. Simplot, re: 2 <sup>nd</sup> Draft EPA Guidance
961	11/26/02	Letter to John Palmer, EPA, from William A. Dryden, Boise Cascade Corp., re: 2 <sup>nd</sup> Public Review Draft 10/10/02
962	11/26/02	Letter to John Palmer, EPA, from John Robison, Idaho Conservation League, re: 2 <sup>nd</sup> Public Review Draft EPA R10 Guidance

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963	11/26/02	Letter to John Palmer, EPA, from Sally Marquis, City of Seattle, re: EPA Draft Temperature Guidance
964	11/27/02	Letter to Randall Smith, Director, EPA, from Robert Kelly, Jr, Director, Nooksack Indian Tribe Natural Resources Dept., re: R10 Water Quality Temperature Criteria Guidance
965	11/26/02	Letter to John Palmer, EPA, from Joan Crooks, Washington Environmental Council, re: 2 <sup>nd</sup> Draft of Regional Water Temperature Guidance
966	11/22/02	Letter to John Palmer, EPA, from Jane A. Gorsuch, Intermountain Forest Association, re: Review of 2nd Draft EPA R10 Guidance
967	11/26/02	Letter to John Palmer, EPA, from Chris Jarmer, Oregon Forest Industries Council, re: Review of 2 <sup>nd</sup> Public Review Draft Attachment Att. 1: Comments
968	11/26/02	Letter to John Palmer, EPA, from Don Sampson, Columbia River Inter-Tribal Fish Commission (CRITFC), re: EPA R10 Draft 2 Temperature Guidance Criteria Attachment Att. 1: Comments
969	11/26/02	Letter to John Palmer, EPA, from Dean Marriott, City of Portland Environmental Services, re: Comments on 2 <sup>nd</sup> Draft of EPA R10 Guidance
970	11/29/02	Letter to John Palmer, EPA, from William A. Dryden, Boise Cascade Corp., re: Review of EPA R10 Guidance (2 <sup>nd</sup> Public Review Draft, 10/10/02)
971	11/26/02	Letter to John Iani, Regional Administrator, EPA, from Dirk Kempthorne, Governor, ID, re: 2 <sup>nd</sup> Public Review Draft of Proposed EPA R10 Guidance
972	11/26/02	Letter to John Iani, Regional Administrator, EPA, from D. Robert Lohn, Regional Administrator, NMFS-NOAA, re: 10/10/02 Draft EPA R10 Guidance
973	11/26/02	Letter to John Palmer, EPA, from Robbin Finch, Boise City Public Works, re: Boise City Comments on Draft R10 Guidance
974	11/25/02	Letter to John Palmer, EPA, from Richard R. Rush, Idaho Association of Commerce and Industry, re: 2 <sup>nd</sup> Public Review Draft
975	11/26/02	Letter to John Palmer, EPA, from Susan Giannettino, U.S .Dept. Of Interior, Bureau of Land Management, re: 2nd Draft of Regional Water Temperature Guidance
976	11/25/02	Letter to John Palmer, EPA, from Thomas L. Partin, American Forest Resource Council, re: 2 <sup>nd</sup> Public Review Draft, 10/10/02
977	11/27/02	Letter to John Palmer, EPA, from Megan White, WDOE, re: Comments on Draft Regional Temperature Criteria Guidance
978	11/26/02	Letter to John Palmer, EPA, from Terry Flores, PacifiCorp, re: 2 <sup>nd</sup> Draft of EPA R10 Guidance

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979	11/15/02	Letter to John Palmer, EPA, from Samuel N. Penney, Nez Perce Tribal Executive Committee, re: Comments on Draft EPA R10 Guidance
980	11/26/02	Letter to Randall Smith, EPA, from Michael T. Llewelyn, ODEQ, re: 2 <sup>nd</sup> Draft of EPA R10 Guidance
981	11/15/02	Letter to John Palmer, EPA, from Robert Spahr, Chehalis Basin Partnership, re: 2 <sup>nd</sup> Draft of Regional Water Temperature Guidance for Public Review
982	11/26/02	Letter to John Palmer, EPA, from Roy G. Metzgar, Everett Public Works, re: 2 <sup>nd</sup> Draft of EPA R10 Guidance
983	11/25/02	Letter to John Palmer, EPA, from Thomas L. Partin, American Forest Resource Council, re: 2 <sup>nd</sup> Public Review Draft 10/10/02
984	11/26/02	Letter to John Palmer, EPA, from Frank Priestley, Idaho Farm Bureau Federation, re: Review of 2 <sup>nd</sup> Draft EPA R10 Guidance
985	12/9/02	Letter to John Palmer, EPA, from Kathleen Feehan, Confederated Tribes of the Umatilla Indian Reservation, re: Draft EPA R10 Guidance
986	12/12/02	Letter to John Iani, Regional Administrator, EPA, from Anne Badgley, Regional Director, US DOI, re: Comments on Proposed EPA R10 Guidance
987	11/24/02	<p>Comments from Oregon Cattlemen's Association  Literature Provided as Attachments  Att. 1: Physics, A World View  Att. 2: Optical Thermal Ratchet  Att. 3: The Story of Physics  Att. 4: Fluvial Processes in Geomorphology  Att. 5: Applied River Morphology  Att. 6: Thermal Characteristics of Wisconsin Headwater Streams Occupied by Beaver: Implications for Brook Trout Habitat  Att. 7: Stream Temperature/Air Temperature Relationship: A Physical Interpretation  Att. 8: The Natural Heating and Cooling of Water  Att. 9: A Simple Method to Classify Stream Thermal Stability with Single Observations of Daily Maximum Water and Air Temperatures  Att. 10: Influence of Streamside Cover and Stream Features on Temperature Trends in Forested Streams of Western Oregon  Att. 11: Riparian Shade and Stream Temperature: A Perspective  Att. 12: A Nonlinear Regression Model for Weekly Stream Temperatures  Att. 13: Perspectives on Water Flow and the Interpretation of FLIR Images  Att. 14: Influence of Thermal Gradients on the Rates of Heating and Cooling of Streams  Att. 15: Five Equations that Changed the World  Att. 16: Intro to Scientific Research  Att. 17: Clouds in a Glass of Beer  Att. 18: A Nonlinear Regression Model for Weekly Stream Temperatures</p>

DOC. NO.	DATE	DOCUMENT
988	11/26/02	Letter to John Palmer, EPA, from Llewellyn Matthews, Northwest Pulp and Paper, re: 2 <sup>nd</sup> Public Review Draft, 10/10/02 Attachments Att. 1: Comments from 2/22/02 Att. 2: Comments from 11/26/02 Att. A: Summary of Information Relating to Historic Temperature Conditions of the Columbia and Lower Snake Rivers Att. B: Historic sources Att. C: Executive Summary Att. D: 1) 11/12/02 Letter to Llewellyn Matthews, Northwest Pulp and Paper, from Heather M. Bartlett, SECOR International Incorporated, re: Willamette River Basin Temperature 2001/2002 Data Analysis, and 2) Letter to Llewellyn Matthews, Northwest Pulp and Paper, from Heather M. Bartlett, SECOR International Incorporated with attached figures, re: Willamette River Basin Temperature Monitoring Results - 2002
989	11/26/02	Oregon Forest Industries Council (OFIC) Comments
<b>Technical Documents Sent to EPA in Response to Call for Data</b>		
<b>Prior to 1995</b>		
990	10/20/37	Roth, A.R. 1937. A Survey of the Waters of the South Umpqua Ranger District, Umpqua National Forest
991	4/12/76	Wurtsbaugh, Wayne A., Davis, Gerald E. 1976. Effects of temperature and ration level on the growth and food conversion efficiency of <i>Salmo gairdneri</i> , Richardson
992	1977	Hokanson, Kenneth E.F., Kleiner, Charles F., and Thorslund, Todd W. 1977. Effects of Constant Temperatures and Diel Temperature Fluctuations on Specific Growth and Mortality Rates and Yield of Juvenile Rainbow Trout, <i>Salmo gairdneri</i>
993	8/77	Kubicek, Paul F. 1977. Summer Water Temperature Conditions in the Eel River System, with Reference to Trout and Salmon
994	1982	Bisson, Peter A. 1982. Salmonid Populations in Logged and Unlogged Stream Sections of Western Washington
995	7/84	Beschta, Robert L., Weatherred, Jim. 1984. A Computer Model for Predicting Stream Temperatures Resulting from the Management of Streamside Vegetation.
996	1985	Clarke, W. C., Shelbourn, J.E.. 1985. Growth and Development of Seawater Adaptability by Juvenile Fall Chinook Salmon ( <i>oncorhynchus tshawytscha</i> ) in Relation to Temperature
997	1987	Bilby, Robert E., Bisson, Peter A. 1987. Emigration and Production of Hatchery Coho Salmon ( <i>Oncorhynchus kisutch</i> ) Stocked in Streams Draining an Old-growth and a Clear-cut Watershed

DOC. NO.	DATE	DOCUMENT
998	1988	Bisson, Peter A., Nielsen, Jennifer L., Ward, James W. 1988. Summer Production of Coho Salmon Stocked in Mount St. Helens Streams 3-6 Years after the 1980 Eruption
999	1989	Adams, Terry N., Sullivan, Kathleen. 1989. The Physics of Forest Stream Heating: A Simple Model
1000	1991	Berman, C.H., Quinn, T.P. 1991. Behavioural thermoregulation and homing by spring chinook salmon, <i>Oncorhynchus tshawytscha</i> (Walbaum), in the Yakima River
1001	12/1/91	Castleberry, Daniel T., Cech, Jr., Joseph J., et al. 1991. Growth, Condition, and Physiological Performance of Juvenile Salmonids from the Lower American River: February through June, 1991. Final Report.
1002	6/91	Caldwell, Jean E., Doughty, Kent, and Sullivan, Kate. 1991. Evaluation of Downstream Temperature Effects of Type 4/5 Waters
1003	1992	Bilby, Robert E., Bisson, Peter A. 1992. Allochthonous versus Autochthonous Organic Matter Contributions to the Tropic Support of Fish Populations in Clear-Cut and Old-Growth Forested Streams
1004	3/93	Federal Energy Regulatory Commission Draft Staff Report Volume I, Glines Canyon (FERC No. 588) and Elwha (FERC No. 2683) Hydroelectric Projects Washington
1005	3/8/93	Castleberry, Daniel T., Cech, Jr., Joseph J., et al. 1993. Growth, condition, and physiological performance ;of juvenile salmonids from the lower American River: February through July 1992, Final Report
1006	5/94	Caldwell, Jean E. 1994. Green River Temperature Investigation 1992
1007	1994	Ugedal, Ola, Heggberget, Tor G., Grande, Gjert E. 1994. Growth of Wild Stunted Arctic Char after Transfer to a Commercial Rearing System
<b>1995</b>		
1008	2/24/95	Hatten, James R., Conrad, Robert H. 1995. A Comparison of Summer Stream Temperatures in Unmanaged and Managed Sub-Basins of Washington's Western Olympic Peninsula
1009	9/30/95	Robison, E. George, Runyon, John, and Andrus, Chip. 1995. Oregon Department of Forestry, Cooperative Stream Temperature Monitoring: Project Completion Report for 1994-1995
1010	10/95	Hatten, James R., Conrad, Robert. 1995. Northwest Fishery Resource Bulletin, A Comparison of Summer Stream Temperatures in Unmanaged Sub-basins of Washington's Western Olympic Peninsula
1011	1995	Konecki, John T., Woody, Carol A., and Quinn, Thomas P. 1995. Influence of Temperature on Incubation Rates of Coho Salmon ( <i>Oncorhynchus kisutch</i> ) from Ten Washington Populations
<b>1996</b>		

DOC. NO.	DATE	DOCUMENT
1012	4/96	Frissell, Christopher A., Bayles, David. 1996. Ecosystem Management and the Conservation of Aquatic Biodiversity and Ecological Integrity
1013	7/31/96	Newton, Michael, Zwieniecki, Maciej. 1996. Temperature and Streamflow Regulation by Streamside Cover, Final Report to Oregon Department of Forestry
1014	1996	Stoneman, Christine L., Jones, Michael L. 1996. A Simple Method to Classify Stream Thermal Stability with Single Observations of Daily Maximum Water and Air Temperatures
1015	8/96	Stanford, Jack A., Poole, Geoffrey C. 1996. A Protocol for Ecosystem Management
1016	1996	Drake, Melissa Tremi, Taylor, William W. 1996. Influence of spring and summer water temperature on brook charr, <i>Salvelinus fontinalis</i> , growth and age structure in the Ford River, Michigan
<b>1997</b>		
1017	1997	Brosofske, Kimberley D., Chen, Jiquan, et al. 1997. Harvesting Effects on Microclimatic Gradients from Small Streams to Uplands in Western Washington
1018	3/97	Dent, Liz F., Walsh, Jennifer B.S.. 1997. Oregon Department of Forestry, Forest Practices Monitoring Program, Effectiveness of Riparian Management Areas and Hardwood Conversions in Maintaining Stream Temperature
1019	1997	Rutherford, J. Christopher, Blackett, Shane, Blackett, Colin. 1997. Predicting the effects of shade on temperature in small streams.
1020	3/97	Raymond, Richard B., Eilers, Joseph M., et al. 1997. Limnology of Lake Billy Chinook and Lake Simtustus, Oregon
1021	1997	Buchanan, David V., Gregory, Stanley V. 1997. Development of Water Temperature Standards to Protect and Restore Habitat for Bull Trout and other Cold Water Species in Oregon
1022	1997	Swanberg, Tim R. 1997. Movements of and Habitat Use by Fluvial Bull Trout in the Blackfoot River, Montana
<b>1998</b>		
1023	1998	Taniguchi, Yoshinori, Rahel, Frank J., Novinger, Douglas C. 1998. Temperature mediation of competitive interactions among three fish species that replace each other along longitudinal stream gradients
1024	2/98	Rogue River Basin Cooperative Stream Temperature Monitoring. 1993 - 1997.
1025	11/98	Lichatowich, Jim. 1998. A Conceptual Foundation for the Management of Native Salmonids in the Deschutes River

DOC. NO.	DATE	DOCUMENT
1026	12/98	Lilga, Mary C. 1998. Effects of Flow Variation on Stream Temperatures in the Lower Yakima River, Abstract
1027	1998	Sugden, Brian D., Hillman, Tracy W., et al. 1998. Stream Temperature Considerations in the Development of Plum Creek's Native Fish Habitat Conservation Plan
1028	12/98	McMahon, Tom, Zale, Al, et al. 1998. Growth and Survival Temperature Criteria for Bull Trout, Annual Report 1998
1029	3/98	Forest Science Projects (FSP). Technical Notes: Sampling Window for Stream Temperatures
1030	4/98	Forest Science Projects (FSP). Technical Notes: Stream Temperature Sampling Frequencies Explored
1031	12/10/98	Umpqua Basin Watershed Council. Elk Creek Temperature Study. 1998. –Appendices
<b>1999</b>		
1032	1999	Torgersen, Christian E. Price, David M., et al. 1999. Multiscale Thermal Refugia and Stream Habitat Associations of Chinook Salmon in Northeastern Oregon
1033	1999	Montgomery, David R., Beamer, Eric M., et al. 1999. Channel type and salmonid spawning distribution and abundance
1034	9/30/99	Robinson, E. George, Runyon, John, and Andrus, Chip. 1999. Oregon Department of Forestry, Cooperative Stream Temperature Monitoring: Project Completion Report for 1994-1995
1035	1999	Edsall, Thomas A., Frank, Anthony M., et al. 1999. The Effect of Temperature and Ration Size on the Growth, Body Composition, and Energy Content of Juvenile Coho Salmon
1036	1999	Elliott, J. M., Hurley, M.A. 1999. A new energetics model for brown trout, <i>Salmo trutta</i>
1037	11/99	Forest Practices Advisory Committee on Salmon and Watersheds, Riparian Function, Issue: How well do current riparian protection practices on forestland provide for and maintain large wood inputs and stream temperatures necessary to maintain and recover salmonids?
1038	6/99	Schuett-Hames, Dave, Pleus, Allen E. 1999. TFW Monitoring Program, Method Manual for the Stream Temperature Survey
1039	12/99	Zimmerman, Christian E., Reeves, Gordon H. 1999. Steelhead and Resident Rainbow Trout: Early Life History and Habitat Use in the Deschutes River, Oregon, Pelton Round Butte Hydroelectric Project, FERC No. 2030
1040	4/99	Raymond, Richard, Eilers, Joseph. 1999 Study Plan, Lower Deschutes River Water Quality Studies, Pelton Round Butte Hydroelectric Project, FERC No. 2030



DOC. NO.	DATE	DOCUMENT
1041	4/99	Thiesfeld, Steven L., Kern, James C. 1999. Lake Billy Chinook Sockeye Salmon and Kokanee Research Study 1996 - 1998. Contract Completion Report. Pelton Round Butte Hydroelectric Project, FERC No. 2030
1042	12/99	Lewis, Scott D. 1999. Abundance, Activity, and Diet of Littoral Fish in Lake Billy Chinook, Lake Simtustus, and Reregulating Reservoir, Oregon, 1997 - 1999. Pelton Round Butte Hydroelectric Project, FERC No. 2030
1043	4/99	Huntington, Charles, Hardin, Tim, et al. 1999. Water Temperatures in the Lower Deschutes River, Oregon
1044	12/99	Groves, Kristy, Shields, Barbara. 1999. Lake Billy Chinook Rainbow (Redband) Trout Life History Study – Final Report, Pelton Round Butte Hydroelectric Project, FERC No. 2030
1045	12/99	Beauchamp, David A., Van Tassell, Jason J. 1999. Modeling Seasonal Trophic Interactions of Adfluvial Bull Trout in Lake Billy Chinook, Oregon, Pelton Round Butte Hydroelectric Project, FERC No. 2030
1046	12/4/99	Umpqua Basin Watershed Council. 1999. Appendices for the Calapooya Watershed 1999 Temperature Study
1047	1999	Zwieniecki, Maciej A., Newton, Michael. 1999. Influence of Streamside Cover and Stream Features on Temperature Trends in Forested Streams of Western Oregon
1048	11/30/99	Krueger, William C., Stringham, Tamzen K., et al. 1999. Environmental and Management Impacts on Stream Temperature
1049	9/99	Oregon Forest Industries Council. 1999. Evaluation of Oregon's DEQ's Temperature Modeling and TMDL Process
1050	8/99	Oregon Forest Industries Council. 1999. FEMAT Riparian Process Effectiveness Curves: What is Science-Based and What is Subjective Judgment?
1051	10/5/99	InSight Consultants. 1999. Yoncalla Creek Dye Study
1052	12/99	McMahon, Tom, Zale, Al, et al. 1999. Draft. Growth and Survival Temperature Criteria for Bull Trout Annual Report 1999 (year two)
1053	10/99	Adams, Terry N. 1999. Primer on the Physics of Forest Stream Temperature
1054	1999	Coutant, Charles C. 1999. Perspectives on Temperature in the Pacific Northwest's Fresh Waters, Oak Ridge National Laboratory
1055	4/31/99	Dunham, Jason. 1999. Stream temperature criteria for Oregon's Lahontan cutthroat trout, <i>Oncorhynchus clarki henshawi</i> , Final Report
1056	12/31/99	Li, Hiram, W., Kauffman, J. Boone, et al. 1999. Collaborative Research: Hydrologic, Geomorphic and Ecological Connectivity in Columbia River Watersheds: Implications for Endangered Species, January 1, 1996 - December 31, 1999



DOC. NO.	DATE	DOCUMENT
1057	9/99	Poole, Geoffrey C., Berman, Cara H. 1999. Pathways of Human Influence on Water Temperature in Stream Channels
1058	2/16/99	Rieman, Bruce E., Chandler, Gwynne L. 1999. Empirical Evaluation of Temperature Effects on Bull Trout Distribution in the Northwest, Final Report
1059	1999	Torgersen, Christian E., Price, David M., et al. 1999. Multiscale Thermal Refugia and Stream Habitat Associations of Chinook Salmon in Northeastern Oregon
1060	1/99	U.S. Forest Service Regional HQ, Missoula, Montana. 1999. Stream Temperatures and Salmonid Distributions: Proceedings of a Workshop
1061	1999	Roper, Brett B., Scarnecchia, Dennis L. 1999. Emigration of age-0 chinook salmon ( <i>Oncorhynchus tshawytscha</i> ) smolts from the Upper South Umpqua River Basin, Oregon, U.S.A.
1062	1999	Edsall, Thomas A., Frank, Anthony M. 1999. The Effect of Temperature and Ration Size on the Growth, Body Composition, and Energy Content of Juvenile Coho Salmon
<b>2000</b>		
1063	1/00	Umpqua Basin Watershed Council. 2000. Calapooya Creek Temperature Study 1999, Procedure, Results, and Preliminary Analysis
1064	2/00	Umpqua Basin Watershed Council. 2000. South Umpqua Watershed Temperature Study 1999, Procedure, Results, and Preliminary Analysis
1065	1/12/00	Umpqua Basin Watershed Council. 2000. Appendices for the South Umpqua Watershed Temperature Study 1999 Att.: Executive Summary
1066	5/4/00	CD: Temperature Growth Risks, Chinook
1067	9/11/00	CD: Lewis, T.E., Lamphear, D.W., et al. 2000. Regional Assessment of Stream Temperatures Across Northern California and their Relationship to Various Landscape-Level and Site-Specific Attributes
1068	3/27/00	Integrated Headwater Stream Riparian Management Study, Progress Report #4: Project Summary
1069	7/00	Bull Trout <i>Salvelinus confluentus</i> Population and Habitat Surveys in the McKenzie and Middle Fork Willamette Basins Annual Report 2000
1070	1/6/00	McElhany, Paul, Ruckelshaus, Mary, et al. 2000. Draft: Viable Salmonid Populations and the Recovery of Evolutionary Significant Units, NMFS
1071	11/00	Naiman, Robert J., Bilby, Robert E., et al. 2000. Riparian Ecology and Management in the Pacific Coastal Rain Forest

DOC. NO.	DATE	DOCUMENT
1072	2/00	Ebersole, J.L., Liss, W.J. 2000. Relationship between stream temperature, thermal refugia and rainbow trout <i>Oncorhynchus mykiss</i> abundance in arid-land streams in the northwestern United States
1073	2000	Macdonald, J.S., Foreman, M.G.G., et al. 2000. Canadian Technical Report of Fisheries and Aquatic Sciences XXXX, The Influence of Extreme Water Temperatures on Migrating Fraser River Sockeye Salmon ( <i>Ocorhynchus nerka</i> ) During the 1988 Spawning Season
1074	1/00	Lewis, Scott D. 2000. Lower Deschutes River Dissolved Oxygen Study, 1999, Pelton Round Butte Hydroelectric Project, FERC No. 2030
1075	4/28/00	Forest Science Project. Stream Temperature Protocol. Regional Stream Temperature Assessment
1076	5/00	Letter to EPA Region 10 from Judith M. Brawer, American Wildlands, re: regional temperature project Att.: –Email from Dru Keenan, EPA, to American Wildlands re: EPA Temperature Criteria Project
1077	2/00	Effectiveness of Eastside Target Shade Rule
1078	2000	Bebak, J., Hankins, J.A., et al. 2000. Effect of Water Temperature on Survival of Eyed Eggs and Alevins of Arctic Char
1079	1/00	Forest Science Projects (FSP). Technical Notes: Framework Hydrography for the Van Duzen River Basin Completed
1080	4/00	Washington Forest Protection Association. 2000. Review of the Scientific Foundations of the Forests and Fish Plan
1081	6/5/00	Letter to Dru Keenan, EPA, from Jim McCauley, Oregon Forest Industries Council and Ann Goos, Washington Forest Protection Association, re: Information and Studies Relevant to Temperature, Salmonids, and Water Quality
1082	6/2/00	Letter to Dru Keenan, EPA, from Pat Larson and Susie Hammond, Oregon Cattlemen's Association, re: Temperature Project
1083	6/00	Benner, David A. 2000. Thesis: Evaporative Heat Loss of the Upper Middle Fork of the John Day River, Northeastern Oregon
1084	2000	Johnson, Sherri L., Jones, Julia A. 2000. Stream temperature responses to forest harvest and debris flow in western Cascades, Oregon
1085	2/00	Oregon Forest Industries Council. 2000. Evaluation of Shade Effects on Water Temperature of Tributaries and the Mainstem of the Grande Ronde River
1086	5/00	Sullivan, Kathleen, Martin, Douglas J. 2000. Abstract: An Analysis of the Effects of Temperature on Salmonids of the Pacific Northwest with Implications for Selecting Temperature Criteria

DOC. NO.	DATE	DOCUMENT
1087	2000	Oregon State University Forest Engineering Department. 1970 -1999 List of Available Theses, Publications, Technical Papers, Audio-Visual and other Media
1088	4/00	Umpqua Basin Watershed Council. 2000. Stream Temperature Management Strategies for the Elk Creek Watershed, Development and Evaluation
1089	2000	Bartholow, John M. 2000. U.S. Geological Survey: Estimating Cumulative Effects of Clearcutting on Stream Temperatures
<b>2001</b>		
1090	11/01	Dunham, Jason, Rieman, Bruce, et al. 2001. Development of Field-Based Models of Suitable Thermal Regimes for Interior Columbia Basin Salmonids, Final Report
<b>2002</b>		
1091	4/02	Washington Department of Ecology. 2002. A Multiple Lines of Evidence Approach to Setting Temperature Criteria for the Protection of Bull Trout
1092	2002	Gamett, Bart L. 2002. Thesis: The Relationship between Water Temperature and Bull Trout
1093	2002	Roni, Philip, Beechie, Timothy, et al. 2002. A Review of Stream Restoration Techniques and a Hierarchical Strategy for Prioritizing Restoration in Pacific Northwest Watersheds
<b>Undated</b>		
1094	undated	Weber, Lee A., Vinyard, Gary. Annual Report: Heat Shock Proteins as Indicators of Thermal Injury and Impaired Physiological Performance in Bull Trout
1095	undated	Drake, Douglas. Multivariate Analysis of Fish and Environmental Factors in the Grande Ronde Basin of Northeastern Oregon
1096	undated	U.S. Dept. Of Commerce, NOAA-NMFS, Tech Memo-15: Status Review for Oregon's Umpqua River Sea-Run Cutthroat Trout
1097	undated	Email from Chris Mebane providing web links and abstracts to salmonid literature
1098	undated	Tickner, Joel, Raffensperger, Carolyn. The Precautionary Principle in Action, A Handbook
1099	undated	Rahr, Guido. Why is Salmon Conservation Important?
1100	undated	Landers, Dixon H. Cumulative Distribution Frequency for Temperature in Off-Channel Habitats of the Willamette River
1101	undated	Mangel, Marc. Climate change and salmonid life history variation

DOC. NO.	DATE	DOCUMENT
1102	undated	Lewis, T.E., Lamphear, D.W., et al. Forest Science Project: Regional Assessment of Stream Temperatures Across Northern California and Their Relationship to Various Landscape-Level and Site-Specific Attributes
1103	undated	Lewis, T.E., Lamphear, D.W., et al. Forest Science Project: Regional Assessment of Stream Temperatures Across Northern California and Their Relationship to Various Landscape-Level and Site-Specific Attributes
1104	undated	Lewis, T.E., Lamphear, D.W., et al. Forest Science Project: Regional Assessment of Stream Temperatures Across Northern California and Their Relationship to Various Landscape-Level and Site-Specific Attributes
1105	undated	Sullivan, Kathleen, Adams, Terry N. Weyerhaeuser Technical Report: The Physics of Stream Heating: 2) An Analysis of Temperature Patterns in Stream Environments Based on Physical Principles and Field Data
1106	undated	Li, Hiram, Beschta, Bob, et al. Hydrologic, Geomorphic, and Ecological Connectivity in Columbia River Watersheds: Implications for Endangered Salmonids
1107	undated	Beschta, Robert L., Bilby, Robert E. Stream Temperature and Aquatic Habitat: Fisheries and Forestry Interactions
1108	undated	Smith, Kent. Umpqua Basin Watershed Council. Thermal Transition in Small Streams under Low Flow Conditions
1109	undated	Smith, Kent. Umpqua Basin Watershed Council. Analysis of 1937 Stream Temperature Data from the Tiller Region of the South Umpqua River
1110	undated	Ice, George G. Stream Temperature and Dissolved Oxygen: The Alsea Watershed Study
1111	undated	Effect of Temperature on Parr-Smolt Transformation in Pacific Salmonids
1112	undated	Adams, B.L., Zaugg, W.S., et al. Inhibition of Salt Water Survival and Na-K-ATPase Elevation in Steelhead Trout ( <i>Salmo gairdneri</i> ) by Moderate Water Temperatures
1113	undated	Li, Hiram W., Schreck, Carl B., Rexstad, Eric. Factors Influencing Changes in Fish Assemblages of Pacific Northwest Streams
1114	undated	Bartholow, John M., Modeling Uncertainty: Quicksand for Water Temperature Modeling
1115	undated	Underlying assumptions of approach and recommendations (guidance)
1116	undated	Questions/Comments re: Temperature Guidance from Marcia
1117	undated	Attachment I Methods to Determine Confidence Limits around Modeled Estimates of Natural Thermal Potential
1118	undated	Technical Steps for Development of Proposed Regional Temperature Criteria

DOC. NO.	DATE	DOCUMENT
1119	undated	Mcmillan, John R. Draft: Coastal Cutthroat Demographics/Genetic Diversity Study on Olympic Peninsula
1120	undated	WDOE Preliminary Draft: Excerpt from Latest Revisions to Standards as of 09/06/02
1121	undated	NMFS Handout: The "Four C's"—Cold, Clean, Complex, Connected
1122	undated	Juvenile Rearing MDMT 12 degrees Centigrade (Max Daily Max Temp)
1123	undated	Lockwood, Jeff. NMFS. Water Temperature Effects on Salmonid Fishes Excerpted from Return to the River 2000 Independent Scientific Group
1124	undated	Figure 2. Integrating and Reconciling Multiple Lines of Evidence
1125	undated	Figure 2. Integrating and Reconciling Multiple Lines of Evidence and Appendix B References
1126	undated	Figure 1 Chart
1127	undated	Temperature Criteria Development Project: Policy Work Group
1128	undated	Risk-Based Approach to Evaluating the Effects of Water Temperature on Salmonids of the Pacific Northwest with Implications for Selecting Temperature Criteria.
1129	undated	McCullough, Dale. What Temperatures are Considered to be Thermally Well-Suited for Native Salmonids?
1130	undated	Questions for Policy Workgroup with Regard to Conceptual Models
1131	undated	Appendix A: Recommendations for Numeric Temperature Targets
1132	undated	Ideas for All-Feasible Steps
1133	undated	Synopsis of Cell Contents n Region 10 Guidance on State and Tribal Temperature Water Quality Standards, Second Draft
1134	undated	Bartholow, John M. Modeling Uncertainty: Quicksand for Water Temperature Modeling
1135	undated	EPA Office of Water Announcement: Compilation of National Recommended Water Quality Criteria and EPA's Process for Deriving New and Revised Criteria
1136	undated	Powerpoint Presentation by Joe Ebersole: Thermally Heterogeneous Habitat for Northeast Oregon Stream Fishes
1137	undated	Schedule of Meetings on Temperature Project
1138	8/12/03	Email to Cliff Sears, et al, from John Palmer, EPA, re: Possible Meeting on EPA Guidance with Hydro Interests

**Abbreviations:**

Bureau of Rec.: Bureau of Reclamation

CRITFC: Columbia River Inter-Tribal Fish Commission

EFH: Essential Fish Habitat

EPA: Environmental Protection Agency

ESA: Endangered Species Act

IFA: Institute for Fisheries Resources

NMFS: National Marine Fisheries Service

NOAA: National Oceanic Atmospheric Administration

NPDES: National Pollutant Discharge Elimination System

NWEA: Northwest Environmental Advocates

NWFSC: Northwest Fisheries Science Center

NWPPC: Northwest Power Planning Council

DEQ (or DEQ): Department of Environmental Quality

ODFW: Oregon Department of Fish and Wildlife

OFIC: Oregon Forest Industries Council

PCFFA: Pacific Coast Federation of Fishermen's Association

RA: Regional Administrator

R10: EPA Region 10

TMDL: Total Maximum Daily Load

USACOE: U.S. Army Corps of Engineers

USFWS: U.S. Fish and Wildlife Service

WDOE: Washington Department of Ecology

# Attachment B

## Log of Excluded Documents

Northwest Environmental Advocates  
v.  
United States Environmental Protection Agency, et al.  
Civil Case No. 3:05-1876-HA

<i>Clean Water Act Actions</i>					
<b>Proposed Federal Rulemaking for Oregon Standards</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
AA 1	6/17/03	Internal Draft of Preamble for Proposed Federal Rule with attorney comments and edits	EPA Staff Carolann Siciliano/Maryellen Levine, Attorneys EPA.	DE, AC,	Internal Draft Preamble of Proposed Federal Rule for Oregon Water Quality Standards with edits
AA 2	7/30/03 (date saved)	Draft Preamble Background with comments	Adrienne Allen, Attorney, EPA	DE, AC	Attorney description of section of Preamble Background
AA 3	7/21/03	Notes from internal EPA meeting	Adrienne Allen attorney EPA Mary Ellen Levine, Attorney, EPA John Palmer, EPA staff	DE, AC	Internal meeting notes on Proposed Federal Rule
AA 4	7/22/03 (date saved)	Internal Preliminary Draft of part of proposed federal rule with edits	Mary Ellen Levine Attorney, EPA EPA staff	DE, AC	Internal Preliminary draft of part of proposed federal rule



DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
AA 5	7/22/03 (date saved)	Discussion of Draft Preamble and notes	Mary Ellen Levine, attorney, EPA	DE, AC, WP EPA staff	Discussion of Draft Preamble and notes
AA 6	7/22/03 (date saved)	Possible Judgment Text	Carolann Siciliano, attorney EPA	WP, AC	Attorney Analysis of Court Order regarding federal promulgation
AA 7	7/23/03	Draft Internal Briefing Outline	Adrianne Allen, Attorney, EPA EPA staff	DE, AC.	Draft of Internal briefing for Regional Administrator re: Status of Oregon Promulgation
AA 8	7/23/03 (date saved)	Proposed Outline	Keith Cohon, Attorney, EPA	AC, DE	Proposed Outline of Temperature Standard
AA 9	7/30/03 (date saved)	Preamble Background with attorney edits	Keith Cohon, Attorney, EPA Adrianne Allen, Attorney, EPA	DE, WP	Preamble Background with attorney edits
AA 10	7/30/03 (date saved)	Preamble Background with comments	Adrianne Allen, Attorney EPA Keith Cohon, Attorney EPA	DE, WP	Preamble Background with comments
AA 11	8/21/03	Preliminary Draft Preamble to Proposed Federal Rule with comments	Mary Ellen Levine, attorney EPA EPA staff	DE, AC	Draft Preamble for Proposed Federal Rule for Water Quality Standards for Oregon with attorney comments
AA 12	8/22/03 (date saved)	Draft section of Preamble to proposed federal rule with comments and edits	Maryellen Levine, Attorney, EPA EPA staff	DE, AC	Attorney comments and edits to Designated Use section of preamble to Proposed Federal Rule

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
AA 13	8/25/03	Preliminary Draft of Proposed Federal Rule with edits and comments	Maryellen Levine, Attorney, EPA EPA staff	AC, DE	Preliminary Draft of Proposed Rule for Water Quality Standards for Oregon
AA 14	8/26/03 (date saved)	Draft Revised Use Table for draft Proposed Federal Rule	EPA staff	DE	Draft Revised Use Table
AA 15	8/27/03 (date saved)	Draft Preamble language for Proposed Federal Rule with edits	Adrianne Allen, Attorney, EPA John Palmer, EPA staff	AC, DE,	Attorney edits to Draft Preamble Language for section of Proposed Federal Rule
AA 16	8/28/03	Draft Preamble for section of Proposed Federal Rule with edits and comments	John Palmer, EPA staff	DE	Draft Preamble for section of Proposed Federal Rule Section III with edits and comments
AA 17	8/28/03	Draft Preamble Section of Proposed Federal Rule with edits and comments	John Palmer, EPA staff Adrianne Allen, Attorney, EPA	AC, DE	Attorney's revisions to draft preamble language for Section III
AA 18	9/2/03	Preliminary Draft of Proposed Federal Rule with edits and comments	Mary Ellen Levine, Attorney, EPA EPA staff	AC, DE	Attorney's revisions to Proposed Federal Rule for Water Quality Standards for Oregon
AA 19	9/3/03	Preliminary Draft of Proposed Federal Rule with edits and comments	Mary Ellen Levine, Attorney, EPA EPA staff	AC, DE	Attorney's revisions to Proposed Federal Rule for Water Quality Standards for Oregon
AA 20	9/8/03	Preliminary Draft of Proposed Federal Rule with edits and comments	Mary Ellen Levine, Attorney, EPA EPA staff	AC, DE	Preliminary Draft of Proposed Federal Rule for Water Quality Standards for Oregon with edits and comments

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
AA 21	9/9/03	Language Insertion Edit for Draft Proposed Federal Rule	Adrienne Allen, Attorney, EPA John Palmer, EPA staff	AC, DE	Language insert for Section E of Draft Federal Rule- 9/8 version
AA 22	9/10/03	Draft of Proposed Federal Rule with edits and comments	Mary Ellen Levine, HQ John Palmer, R10 EPA staff	AC, DE	Draft Proposed Federal Rule for Water Quality Standards for Oregon
AA 23	9/15/03	Draft of Proposed Federal Rule with edits and comments	Mary Ellen Levine, Attorney, EPA EPA staff	AC, DE	Draft Proposed Federal Rule for Water Quality Standards for Oregon with edits and comments
AA 24	9/16/03	Draft of Proposed Federal Rule with edits and comments	Mary Ellen Levine, Attorney, EPA EPA staff	AC, DE	Draft Proposed Federal Rule for Water Quality Standards for Oregon with edits and comments
AA 25	9/30/03	Internal EPA Communications Strategy	EPA staff	DE	Office of Water Communications Strategy
AA 26	10/1/03	Internal Memorandum - Proposed Federal Rule	Geoffrey H. Grubbs, Director OST, EPA Randall Smith, Director OW, Region 10	AC, DE	Internal memorandum to decisionmakers recommending action on draft Proposed Federal Rule for Federal Water Quality Standards for Oregon
AA 27	10/1/03	Internal Action Memorandum-Proposed Federal Rule	G. Tracy Mehan, Asst. Administrator, EPA L. John Iani, regional Administrator, Region 10	AC, DE	Internal memorandum addressing draft -Proposed Federal Rule for Federal Water Quality Standards for Oregon
EPA Approval Action					

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
AA 28	5/12/03	Legal Analysis	Adrianne Allen, Attorney R10	WP, DE, AC	Impact of Rulemaking on Federal Dams
AA 29	1/20/04	Internal Draft of Support Document with comments and edits	Adrianne Allen, Attorney EPA Mary Ellen Levine, Attorney, EPA Kellie Kubena, EPA staff John Palmer, EPA staff	WP, AC, DE	Draft Support Document for EPA's Action Reviewing New or Revised Water Quality Standards for the State of Oregon
AA 30	2/3/04	Internal Draft of Support Document with comments and edits	Adrianne Allen, Attorney EPA Mary Ellen Levine, Attorney, EPA Kellie Kubena, EPA staff John Palmer, EPA staff	WP, AC, DE,	Draft Support Document for EPA's Action Reviewing New or Revised Water Quality Standards for the State of Oregon
AA 31	2/9/04	Internal Draft of section of Support Document with comments and edits	Mary Ellen Levine, Attorney, EPA John Palmer, EPA staff	WP, AC, DE	Attorney Comments on Air Temperature Exclusion [340-041-0028(12)(c)]
AA 32	2/10/04 (date saved)	Internal Draft of section of Support Document with comments and edits	Mary Ellen Levine, Attorney, EPA Adrianne Allen, Attorney, EPA John Palmer, EPA staff	WP, AC, DE	Attorney Comments on Air Temperature Exclusion [340-041-0028(12)(c)]

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
AA 33	2/10/04	Internal Draft of section of Support Document with comments	Mary Ellen Levine, Attorney, EPA Adrianne Allen, Attorney, EPA John Palmer, EPA staff	WP, AC, DE	Attorney Comments on Revision of Air Temperature Exclusion [340-041-0028(12)(c)]
AA34	2/12/04	Internal Draft of section of Support Document with comments and edits	Mary Ellen Levine, Attorney, EPA Lee Schroer, Attorney, EPA John Palmer, EPA staff	WP, AC, DE	Attorney Comments on Oregon's Salmonid Use Designations [340-041-0101 to 340-041-0340]
AA 35	2/12/04 (date saved)	Internal Draft of section of Support Document with comments and edits Comments	Mary Ellen Levine, Attorney, EPA Adrianne Allen, Attorney, EPA John Palmer, EPA staff	AC, DE, WP	Attorney Comments on Oregon's Salmonid Use Designations [340-041-0101 to 340-041-0340]
AA 36	2/16/04	Internal Draft of section of Support Document with comments and edits Comments	Mary Ellen Levine, Attorney, EPA Adrianne Allen, Attorney, EPA John Palmer, EPA staff	WP, AC, DE	Attorney Comments on Air Temperature Exclusion [340-041-0028(12)(c)]
AA 37	2/17/04	Internal Draft of section of Support Document with comments and edits	Mary Ellen Levine, Attorney EPA	WP, AC, DE	Attorney comments and edits on Antidegradation [340-041-0004]
AA 38	2/18/04 (date saved)	Internal Draft of section of Support Document with comments	Adrianne Allen, Attorney, EPA John Palmer, EPA staff	WP, DE, AC	Attorney comments on Oregon's Salmonid Use Designations [340-041-1010 to 340-041-0340]

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
AA 39	2/18/04	Internal Draft of section of Support Document with comments	EPA staff	DE	Internal Draft of Part 1: Support Document for EPA's Action Reviewing New or Revised Water Quality Standards for the State of Oregon
AA 40	2/17/04	Internal Draft of section of Support Document with comments and edits	Mary Ellen Levine, Attorney, EPA EPA staff	WP, AC, DE	Attorney comments and edits to Antidegradation [340-041-0004]
AA 41	2/18/04	Internal Draft of section of Support Document with comments	EPA staff	AC, DE	Draft Revisions to Part IV :Support Document for EPA's Action Reviewing New or Revised Water Quality Standards for the State of Oregon
AA 42	2/19/04	Internal Draft of section of Support Document with comments and edits	Mary Ellen Levine, Attorney, EPA EPA staff	WP, AC, DE	Attorney and staff comments and edits to Antidegradation [340-041-0004] section of Support Document
AA 43	2/19/04	Internal Draft of section of Support Document with comments and edits	John Palmer, R10 Mary Ellen Levine, HQ	AC, DE, WP	Comments on Air Temperature Exclusion [340-041-0028(12)(c)]
AA 44	2/19/04	Internal Draft of section of Support Document with comments and edits	Mary Ellen Levine, Attorney EPA EPA staff	AC, WP, DE	Attorney comments and edits to Antidegradation [340-041-0004]
AA 45	2/19/04	Internal Draft of section of Support Document with comments and edits	Mary Ellen Levine, Attorney, EPA	AC, WP, DE	Attorney edits and comments to Antidegradation [340-041-0004]

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
AA 46	2/20/04	Internal Draft of section of Support Document	EPA staff	DE	Internal Draft of section of Support Document on Water Quality Variances [340-041-0061(2)]
AA 47	2/20/04	Internal Draft of section of Support Document with comments	EPA staff	DE	Comments on Internal Draft of section of Support Document on Site Specific Criteria [340-041-0028(13)]
AA 48	2/25/04	Internal Draft of section of Support Document with comments and edits	Mary Lou Soscia, EPA staff	DE	Internal Draft of section of Support Document on Oregon Public Participation Process
AA 49	2/25/04	Internal Draft of section of Support Document with comments and edits	Mary Lou Soscia, EPA staff Adrianne Allen, Attorney, EPA	DE, AC	Attorney comments and edits of internal Draft of section of Support Document on Oregon Public Participation Process
AA 50	2/25/04	Internal Draft of section of Support Document with comments	Mary Lou Soscia, EPA staff Adrianne Allen, Attorney, EPA Mary Ellen Levine, Attorney, EPA	DE, AC	Attorney comments on Internal Draft of section of Support Document on Oregon Public Participation Process
AA 51	2/25/04	Internal Draft Outline	Mary Lou Soscia, EPA staff	DE	Internal Draft of outline of April 2003 Public Process Activities for Temperature Guidance, Proposed Federal Rulemaking, and Oregon Rulemaking.
AA52	2/26/04	Internal Draft of section of Support Document	Mary Lou Soscia, EPA staff	DE,	Internal Draft of section of Support Document Comment Response on Oregon Public Participation Process

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
AA 53	2/26/04	Internal Draft of section of Support Document with comments Comment Response	Mary Lou Soscia, EPA staff	DE	Internal Draft of section of Support Document Comment Response on Oregon Public Participation Process
AA 54	2/26/04	Internal Draft Letter	Mary Lou Soscia, EPA staff	DE, AC	Draft letter re: Approval of Oregon State Water Quality Standards (OAR 340-041) for Temperature, Inter-Gravel Dissolved Oxygen and Antidegradation
AA 55	2/26/04	Internal Draft Letter with comments and edits	Mary Lou Soscia, EPA staff Adrianne Allen, Attorney, EPA Randy Smith, Water Division Director, EPA	DE, AC, WP	Attorney and Director comments and edits of internal Draft Letter re: Approval of Oregon State Water Quality Standards (OAR 340-041) for Temperature, Inter-Gravel Dissolved Oxygen and Antidegradation
AA 56	2/26/04	Internal Draft of Support Document with comments	Mary Ellen Levine, Attorney, EPA Adrianne Allen, Attorney, EPA John Palmer, EPA staff other EPA staff	WP, AC, DE	Internal Draft: Support Document for EPA's Action Reviewing New or Revised Water Quality Standards (draft 2/26/04)
AA 57	2/26/04	Internal Draft Outline	Mary Lou Soscia, EPA staff	DE	Edits to Internal Draft of outline of April 2003 Public Process Activities for Temperature Guidance, Proposed Federal Rulemaking, and Oregon Rulemaking. Outline: April 2003 Regional Temperature Guidance Public Process



DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
AA58	2/26/04	Internal Draft Outline	Mary Lou Soscia, EPA staff	DE	Internal Draft of outline of April 2003 Public Process Activities for Temperature Guidance, Proposed Federal Rulemaking, and Oregon Rulemaking.

DE = Deliberative

WP = Attorney Work Product

AC = Attorney Client Privilege

**Log of Excluded Documents**

Northwest Environmental Advocates  
v.  
United States Environmental Protection Agency, et al.  
Civil Case No. 3:05-1876-HA

<i>Clean Water Act Actions on Oregon's Temperature Standard</i>					
DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
dmk 1	5/6/03	Meeting Agenda w/ hand written notes	Mary Lou Soscia, EPA Dru Keenan, EPA	DE	Agenda for OR Std team meeting (A.R. # 297) w/ hand written notes
dmk 2	5/6/03	Options paper w/ hand written notes	John Palmer, EPA unkown1 , Services	DE	Options on thresholds (A.R. # 296) w/hand written notes
dmk 3	5/6/03	Options papers w/ hand written notes	John Palmer, EPA unknown 2, Services	DE	Options on thresholds (A.R. # 296) w/hand written notes
dmk 4	5/15/03	Emailed Agenda w/ hand written notes	Mary Lou Soscia, EPA Dru Keenan, EPA	DE	Email of Agenda for OR std team mtg (A.R. # 294) w/ hand written notes
dmk 5	5/27/03 - 5/28/03	Draft Agenda, w/ hand written notes	Dru.Keenan, EPA EPA staff	DE	draft agenda (A.R. # 293) for 'Where & When' Team mtg w/ hand written notes
dmk 6	5/27/03	Emailed Agenda w/ hand written notes	Mary Lou Soscia, EPA Dru Keenan, EPA	DE	Email of Agenda (A.R. 291) for OR std team mtg w/ hand written notes
dmk 7	5/27 - 28/03	Email Agenda w/ hand written notes	Dru .Keenan, EPA John Palmer, EPA	DE	agenda (A.R.# 293) for 'Where & When' Team mtg w/ hand written notes

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
dmk 8	5/27 - 28/03	Draft Agenda w/ hand written notes	Dru .Keenan, EPA John Palmer, EPA	DE	Agenda (A.R. 293) for 'Where & When' Team mtg w/ hand written notes
dmk 9	6/12/03	Meeting notes w/ hand written notes	Dru .Keenan, EPA	DE	Meeting notes (A.R. #285) from Where & When Team mtg w/ hand written notes
dmk 10	6/16/03	Meeting notes from internal conference call	EPA staff	DE, A/C	Notes from conference call with EPA staff, and EPA attorneys - K. Cohon, A. Allen, ME Levine, C. Siciliano
dmk 11	6/18/03	Proposed Decision rules w/ hand written notes	Dru Keenan , EPA John Palmer, EPA	DE	Proposed decision rules for use designations (A.R.# 282) w/ hand written notes
dmk 12	6/18/03	Proposed Decsison rules w/ hand written notes	Dru Keenan, EPA Dru Keenan, EPA	DE	Proposed decision rules for use designations (A.R. # 282) w/ hand written notes
dmk 13	6/19/03	Draft Decision Rules for Mapping Salmonid Uses	Dru Keenan, EPA John Palmer, EPA	DE	Proposed decision rules for use designations (A.R. # 278) w/ hand written notes
dmk 14	6/25/03	Draft Decision Rules for Mapping Salmonid Uses	Jeff Lockwood, NMFS John Palmer, EPA	DE	Proposed decision rules for use designations (A.R. 274) w/ hand written notes
dmk 15	6/26/03	Draft Decision Rules for Mapping Salmonid Uses	Dru Keenan, EPA John Palmer, EPA	DE	Proposed decision rules for use designations (A.R. # 272) w/ hand written notes

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
dmk 16	6/27/03	Draft Decision Rules for Mapping Salmonid Uses	Dru Keenan, EPA John Palmer, EPA	DE	Proposed decision rules for use designations (A.R. # 270) w/ hand written notes
dmk 17	6/27/03	Draft Decision Rules for Mapping Salmonid Uses	Dru Keenan, EPA	DE	Proposed Decision Rules for use designations (A.R. # 270) w/ hand written notes
dmk 18	6/30/03.	Draft Outline for Biological Assessment	D.Keenan, EPA E. Materna, US FWS	DE	Draft outline for BA (A.R. # 269) w/ hand written notes
dmk 19	6/30/03.	Draft Outline for Biological Assessment	Dru .Keenan, EPA Jeff Lockwood, NMFS	DE	Draft outline for BA (A.R. # 269) w/ edits by NMFS/FWS staff
dmk 20	6/30/03.	Draft Outline for Biological Analysis	Dru.Keenan, EPA unknown, EPA staff	DE	Draft outline for BA (A.R. 269) w/ edits
dmk 21	7/2/03	Internal analysis document	Dru.Keenan, EPA staff	DE	Internal document comparing OR proposed Standard with EPA's proposed rule for OR
dmk 22	7/8/03	Meeting Agenda	Mary Lou Soscia, EPA Dru Keenan, EPA	DE	Agenda for OR Std team meeting (A.R. # 262) w/ hand written notes
dmk 23	7/11/03	Decision Rules Assumptions	Dru Keenan, EPA	DE	Proposed decision rules (A.R # 266) for use designations w/ hand written notes
dmk 24	7/10/03	Meeting Agenda with hand written notes	Dru Keenan, EPA John Palmer, EPA	DE	Agenda for Where & When team (A.R. # 267) w/ hand written notes
dmk 25	7/23/03 *	Internal EPA email	Cara Lalley, EPA Staff Dru Keenan EPA staff	DE	Internal EPA email Re: preamble assignments and explanations

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
dmk 26	7/28/03	Draft Decision Rules for Mapping Salmonid Uses	Dru Keenan, EPA John Palmer, EPA	DE	Proposed decision rules for use designations (A.R. # 244) w/ hand written notes .
dmk 27	7/29/03	Meeting Agenda w/ hand written notes	Mary Lou Soscia, EPA Dru Keenan, EPA	DE	Agenda for OR Std team meeting (A.R. # 243) w/ hand written notes
dmk 28	8/2/03	Preliminary draft Preamble to proposed Fed. Rule w/ edits	Mary Ellen Levine, EPA attorney EPA staff	DE, AC	Attorney edits to Preliminary Draft Preamble to proposed fed. rule
dmk 29	8/5/03	Draft Decision Rules for Mapping Salmonid Uses	Dru Keenan, EPA	DE	Proposed decision rules for use designations (A.R. # 235) w/ hand written notes
dmk 30	8/6/03	Email among EPA & Services and State w/ hand written notes	Elizabeth Materna, USFWS Dru Keenan, EPA	DE	Email Re: bull trout spawning times (A.R. # 234) w/ hand written notes
dmk 31	8/6/03	Draft Decision Rules for Mapping Salmonid Uses	Dru Keenan, EPA John Palmer, EPA	DE	Proposed decision rules for use designations (A.R. # 231) w/ hand written notes
dmk 32	8/12/03	Draft outline for Proposed Preamble	EPA staff	DE	Internal partial outline for preamble w/ edits
dmk 33	8/13/03 *	Email between EPA & Services	Dru Keenan, EPA	DE	Email between EPA staff and Services staff re: BA outline
dmk 34	8/13/03 *	Email between EPA & Services	Jeff Lockwood, NMFS	DE	Email between EPA staff and Services staff re: BA outline

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DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
dmk 35	8/13/03 *	Internal Email between EPA and contractor	Dru Keenan, EPA	DE	Internal Email between EPA and EPA contractor on BA outline
dmk 36	8/14/03	Preliminary Draft Preamble to proposed federal rule with edits	Mary Ellen Levine, EPA attorney EPA staff	DE, AC	Attorney edits to Preliminary Draft Preamble to proposed fed. rule
dmk 37	9/3/03	Email between EPA and Services	Elizabeth Materna, USFWS	DE	Email deliberations between staff re: bull trout spawning below dams
dmk 38	9/4/03	Preliminary Draft Preamble to proposed federal rule with edits	Mary Ellen Levine, EPA attorney EPA staff	DE, AC	Attorney edits to Preliminary Draft Preamble to proposed fed. rule
dmk 39	9/18/03	Comments on draft outline for Biological Assessment	Robert Anderson & Jeff Lockwood NMFS	DE	Comments on draft BA by Services staff
dmk 40	9/26/03 *	Internal emailed comments on Draft Biological Assessment	Kellie Kubena, EPA	DE	Emailed comments on draft BA to EPA contractor
dmk 41	10/7/03	Email from EPA contractor to EPA and Services	EPA contractor	DE	Emailed from EPA contractor re: transmittal of final draft BA of proposed Fed. Rule for OR temperature standard
dmk 42	10/14/03	Draft Agenda for Where & When Team meeting w/ hand written notes	Dru.Keenan, EPA John Palmer, EPA	DE	Draft meeting agenda (A.R. # 228) w/ hand written notes
dmk 43	10/17/03	Internal emailed comments on draft Biological Assessment	EPA staff	DE	Internal EPA staff comments on draft BA

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DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
dmk 44	10/17/03	Emailed comments on draft Biological Assessment	Jeff Lockwood, NMFS	DE	Email from NMFS staff to EPA re: comments draft BA
dmk 45	10/21/03	Internal notes from conference call	Dru Keenan, EPA	DE	Internal notes from conference call re: comments on draft BA for proposed Fed Rule
dmk 46	10/28/03	Hand written notes from meeting	Dru Keenan, EPA	DE	Internal hand written notes from Where & When Team meeting on use designations
dmk 47	11/3/03 *	Internal emailed comments on options for wording of section of draft Oregon Rule	EPA staff	DE	Internal EPA email re: comments on for proposed wording for draft Oregon Rule
dmk 48	11/3/03	Draft Biological Assessment for proposed Fed Rule	EPA contractor	DE	Draft BA of proposed Fed Rule for Oregon Temperature Std. prepared for EPA by EPA contractor
dmk 49	11/4/03	Email message to Services and EPA staff w/ attached draft Biological Assessment for proposed Fed Rule	Dru Keenan	DE	Email message to Services & EPA staff w/ draft BA for proposed Fed Rule for OR Temperature Std.
dmk 50	11/5/03	Emailed agenda w/ hand written notes	Dru Keenan, EPA	DE	Emailed agenda for Where & When team meeting(A.R. # 217) w/ hand written notes
dmk 51	11/5/03 *	Internal email of provision from proposed Fed. Rule	EPA staff	DE	Internal email of provision from proposed Federal Rule for OR Temperature. Std.

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DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
dmk 52	11/10/03	Draft Biological Analysis w/ attorney comments	Dru Keenan, EPA Mary Ellen Levine, EPA atty	A/C DE	EPA attorney comments on draft BA of proposed Fed. Rule for OR Temperature Std
dmk 53	11/26/03	Internal email message between EPA and EPA contractor	Dru Keenan, EPA	DE	Email message re: revisions to draft BA of proposed Fed Rule for use in BA of OR's Temperature Std.
dmk 54	12/3/03	Internal email to EPA staff and attorneys requesting comments on draft Biological Assessment	Dru Keenan, EPA	DE, A/C	Internal email transmitting rough draft section for BA of OR's Temperature Std to Keith Cohen, Atty, Mary Ellen Levine, Atty, Jeff Koff, Atty, and EPA staff
dmk 55	12/12/03	Email message to Services and EPA attorneys requesting comments	Dru .Keenan, EPA	DE, A/C	Email transmitting draft of BA of OR's draft Temperature Std to Keith Cohen, Atty, Mary Ellen. Levine, Atty, Jeff .Koff, Atty, EPA staff, and Services
dmk 56	12/16/03	Draft Conservation Measures	Jeff Lockwood, NMFS	DE	Draft of Conservation Measures for BA of OR's Temperature Std.
dmk 57	2/2/04	Email Agenda w/ hand written notes	Mary Lou Soscia, EPA Dru Keenan	DE	Agenda for Oregon Standard Team (A.R. # 207) w/ hand written notes
dmk 58	undated	Internal task outline w/ hand written notes	Dru .Keenan, EPA	DE	Internal outline for completing Use Designation work w/ hand written notes
dmk 59	undated	Hand written notes	Dru Keenan, EPA	DE	Hand written notes on use designation work

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DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
dmk 60	undated	Internal draft outline for proposed fed. rule	EPA staff	DE	Internal draft outline for proposed fed rule promulgation of Temperature Std for OR
dmk 61	undated	Internal edits to draft Biological Assessment outline	EPA staff	`DE	Internal edits to draft outline for BA for proposed Fed Rule for Or Temperature Std
dmk 62	7/3/03	Powerpoint internal briefing	EPA staff and attorneys	DE, AC	Internal briefing re: Oregon Water Quality Standards federal rule
dmk 63	8/07/03	Powerpoint internal briefing	EPA staff and attorneys	DE, AC	Internal briefing re: EPA Proposed Rule for Oregon Water Quality Standards
dmk 64	8/8/03	Powerpoint internal briefing	EPA staff and attorneys	DE, AC	Internal briefing re: Update on EPA Proposed Rule for Oregon Water Quality Standards
dmk 65	9/5/03	Internal Briefing	EPA staff and attorneys	DE, AC	Internal Briefing re: Proposed Rule for Oregon
dmk 66	9/9/03	Email chain	John Palmer, EPA staff Cara Lalley, EPA staff Keith Cohon, EPA attorney	DE, AC	Internal email chain among staff and attorneys re: rule language for heat loads and thermal plumes
dmk 67	9/10/03	email with attachment	Keith Cohon, EPA attorney	DE, AC	Internal attorney email re: attached edits for preamble language for Refugia
dmk 68	9/10/03	email	Keith Cohon, EPA attorney	DE, AC	Internal attorney email re: New Definition for Refugia

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DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
dmk 69	9/17/03	email train with attachment	John Palmer, EPA staff Keith Cohon, EPA attorney Cara Lalley, EPA staff	DE, AC	Internal email discussion among staff and attorneys with redlined text attached re: edits to Cold Water Refugia definition in rule and natural background in preamble
dmk 70	9/17/03	email chain	Keith Cohon, EPA attorney John Palmer, EPA staff Cara Lalley, EPA staff	DE, AC	Internal email discussion among staff and attorneys Re: Cold water refugia definition in rule and Natural background preamble
dmk 71	9/23/03	Interagency Comments	Jim Laity, OMB	DE	Comments from OMB staff on draft Preamble to Proposed Federal Rule on Oregon Water Quality Standards
dmk 72	11/13/03	Interagency Comments	Jeff Lockwood, NOAA	DE	Comments from NOAA staff on draft EPA Proposed Federal Rule on Oregon Water Quality Standads
dmk 73	1/22/04	Internal Email	Kellie Kubena, EPA staff	DE, AC	Suggested edits for Oregon BE
dmk 74	1/26/04	Internal Meeting Notes	Adrianne Allen, EPA attorney Marylou Soscia, EPA staff Dru Keenan, EPA staff Cara Lalley, EPA staff John Palmer, EPA staff Stephanie, Thornton, EPA staff	DE, AC,	Internal meeting of staff and attorneys re: CWA Approvability Issues

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DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
dmk 75	2/25/04	Internal email with EPA Support Document as attachment	Dru Keenan, EPA staff Maryellen Levine, EPA attorney Adrianne Allen, EPA attorney John Palmer, EPA staff	DE, AC, WP	Internal email transmitting attachment of edits to EPA Support Document

DE = Deliberative

WP = Attorney Work Product

AC = Attorney Client Privilege

## Log of Excluded Documents

Northwest Environmental Advocates  
v.  
United States Environmental Protection Agency, et al.  
Civil Case No. 3:05-1876-HA

DOC #	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
HQ1	9/23/03	comments on draft references list	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on a draft of documents to be listed as references supporting the draft proposed federal rule to establish temperature WQS for Oregon
HQ2	2/9/04	comments on draft approval document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on the air temperature exclusion discussion in a draft approval document for the 2003 Oregon standards
HQ3	2/10/04	comments on draft approval document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on the air temperature exclusion discussion in a draft approval document for the 2003 Oregon standards
HQ4	11/18/03	draft response to comments	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney draft of issues and responses to comments by NWEA on EPA proposed rule for Oregon
HQ5	undated	draft response to comments	EPA staff	DE	draft of response to comments on anti-degradation issues for approval of Oregon temperature standards

HQ6	8/13/03	comments on draft proposed rule	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on anti-degradation language in draft proposed EPA rule establishing WQS for Oregon
HQ7	2/9/04	comments on draft technical support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on anti-degradation discussion in draft technical support document for approval of 2003 Oregon WQS
HQ8	2/11/04	comments on draft technical support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on anti-degradation discussion in draft technical support document for approval of 2003 Oregon WQS
HQ9	2/11/04	comments on draft technical support document	Mary Ellen Levine and Lee Schroer, Attorneys, EPA	DE, WP, AC	attorney comments on anti-degradation discussion in draft technical support document for approval of 2003 Oregon WQS
HQ10	2/17/04	comments on draft technical support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on anti-degradation discussion in draft technical support document for approval of 2003 Oregon WQS
HQ11	2/27/04	comments on draft approval letter	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on draft letter providing approval of 2003 Oregon WQS
HQ12	2/2/04	draft responses to issues likely to be raised in litigation	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on draft of issues paper and draft responses to issues expected to be raised in litigation over the approval of OR WQS

HQ13	11/24/?	analysis of public comments on draft temperature guidance	EPA staff	DE	summary and analysis of comments on EPA's draft temperature guidance
HQ14	1/29/04	draft responses to issues likely to be raised in litigation	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on detailed draft of issues paper and draft responses expected to be raised in litigation over the approval of OR WQS
HQ 15	11/19/03	note on issues needing additional response	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney note on issues needing additional record support prior to approval of OR WQS
HQ16	9/24/03	note on option for disapproval of OR WQS	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney notes and questions about option for disapproval of OR WQS, outlining legal theories
HQ 17	9/23/03	comments on draft disapproval letter	Mary Ellen Levine and Carol Ann Siciliano, Attorneys, EPA	DE, WP, AC	attorney comments on a draft letter disapproving OR temperature WQS
HQ 18	9/25/03	comments on draft disapproval letter	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney comments on a draft letter disapproving OR temperature WQS
HQ19	9/15/03	draft insert for proposal preamble	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney draft of language to be added to draft preamble proposing federal WQS for OR
HQ20	9/3/03	draft preamble	EPA staff	DE	draft of preamble for proposed rule setting federal WQS for OR, with edits
HQ21	9/10/03	draft preamble	EPA staff	DE	draft of preamble for proposed rule setting federal WQS for OR, with edits
HQ22	8/13/03	draft preamble	EPA staff	DE	draft of preamble for proposed rule setting federal WQS for OR, with edits

HQ23	8/14/03	draft preamble	EPA staff	DE	draft of preamble for proposed rule setting federal WQS for OR, with edits
HQ24	8/25/03	draft preamble	EPA staff	DE	draft of preamble for proposed rule setting federal WQS for OR, with edits
HQ25	undated	note on insert to preamble	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney explanation concerning suggested language to be added to draft preamble proposing federal WQS for OR
HQ26	8/11/03	notes on OMB issue	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney notes and email train responding to a legal issue raised by OMB on the OR WQS
HQ27	undated	notes on OMB issue	EPA staff	DE	suggested responses to issues raised by OMB on the OR WQS proposal
HQ28	undated	draft preamble language	EPA staff	DE	draft of language for draft proposed rule concerning OMB review
HQ29	2/24/04	emails concerning final BO from NOAA	Mary Ellen Levine, Attorney, EPA and others	DE, AC	email train between EPA staff, and between EPA and NOAA staff regarding how to interpret the wording of the final biological opinion
HQ30	10/6/03	draft biological assessment	S. Ellis, EPA	DE	predecisional draft of EPA's biological assessment for OR WQS promulgationl
HQ31	11/3/03	draft biological assessment	S. Ellis, EPA	DE	predecisional draft of EPA's biological assessment for OR WQS promulgation

HQ32	8/27/03	email train concerning dams under OR WQS	Lee Schroer, Assistant General Counsel, EPA and others	DE, WP, AC	email discussion between EPA staff and between EPA and NOAA staff concerning issues raised about dams under the draft EPA proposal setting WQS for OR
HQ33	2/12/04	email train concerning draft biological opinion	Jeff Kopf, Attorney, EPA Region 10 and others	DE, WP, AC	email discussion between EPA staff regarding draft biological opinion and its implications for pending EPA action.
HQ34	2/12/04	email train concerning draft biological opinion	Tod Siegal, Attorney, EPA and others	DE, WP, AC	email discussion between EPA staff regarding draft biological opinion and its implications for pending EPA action.
HQ35	8/8/03	draft regulations for OR	Keith Cohon, Attorney, EPA Region 10	DE, WP, AC	attorney comments on draft of proposed federal regulations for OR WQS
HQ36	11/10/03	comments on draft biological assessment	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on internal draft of biological assessment for OR WQS proposal
HQ 37	undated	draft regulatory language	EPA staff	DE	draft of insert for draft proposed rule setting WQS for Oregon
HQ38	undated	draft preamble language	EPA staff	DE	draft of preamble language on heat load issue, with edits, for draft proposed federal rule setting WQS for OR
HQ39	8/14/03	draft regulatory language	EPA staff	DE	draft of regulatory language, with edits, for draft proposed rule setting WQS for OR



HQ40	9/28/03	draft preamble and regulation	EPA staff	DE	draft of proposed rule setting WQS for OR
HQ41	9/29/03	draft preamble and regulation	EPA staff	DE	draft of proposed rule setting WQS for OR
HQ42	undated	draft insert for draft preamble	EPA staff	DE	draft of insert for draft proposed rule setting WQS for OR
HQ43	undated	note on response to biological opinion	EPA staff	DE	note suggesting how EPA might respond to issue raised by biological opinion
HQ44	1/13/04	notes on information needed from OR	EPA staff	DE	internal notes concerning what additional information EPA may need from OR in order to approve OR standards
HQ45	9/03	suggested edits to rule text	John Palmer, EPA R10	DE	suggested edits for text of draft proposed rule setting WQS for OR
HQ46	undated	suggested insert for draft preamble	EPA staff	DE	suggested insert for draft preamble for proposed rule setting federal WQS for OR
HQ47	9/03	comments on insert for draft preamble	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on draft insert for draft preamble for proposed rule setting federal WQS for OR
HQ48	undated	list of issues on proposed rule	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney notes on issues to be resolved in draft proposed rule setting federal WQS for OR
HQ 49	12/0/03	briefing document	EPA staff	DE	internal briefing document prepared to request decision from EPA managers on whether to approve OR WQS

HQ50	1/13/04	comments on HQ44	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on internal notes concerning what additional information EPA may need from OR in order to approve OR standards
HQ51	undated	notes on information needed from OR	Paula Van Haagen, EPA R10	DE	internal notes concerning what additional information EPA may need from OR in order to approve OR standards
HQ52	2/9/04	comments on draft analysis of pending OR decision	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on draft document outlining and explaining which provisions EPA is approving
HQ53	12/1/03	draft options paper	EPA staff	DE	draft of options paper concerning whether to approve OR WQS
HQ54	undated	notes on suggested responses to OMB questions	EPA staff	DE	notes, with edits, on issues raised by OMB on draft proposed federal rule setting federal WQS for OR and suggested responses
HQ55	undated	notes on OMB review issue	EPA staff	DE	internal note on issue raised during OMB review of draft proposed federal rule and status
HQ56	10/21/03	draft options paper	EPA staff	DE	draft of options paper on whether to approve OR WQS
HQ57	8/13/03	draft of proposed rule	EPA staff	DE	draft of proposed rule setting federal WQS for OR
HQ58	10/2/03	comments on draft letter	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on draft of letter to OR concerning proposed OR WQS

HQ59	10/2/03	comments on draft letter	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on draft of letter to OR concerning proposed OR WQS
HQ60	8/14/03	draft rule language	EPA staff	DE	draft of proposed federal rule language, with edits
HQ61	undated	draft letter	EPA staff	DE	draft of letter approving OR WQS
HQ62	2/9/04	comments on draft technical support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on draft of technical support document for pending OR approval decision
HQ63	8/14/03	draft of preamble section on antidegradation	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney draft of language for draft preamble addressing antidegradation WQS issues
HQ64	12/03	analysis of which OR standards require approval	Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	draft paper setting out analysis of OR standards to determine which require EPA approval
HQ65	8/13/03	draft preamble language	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	draft of preamble language for draft preamble addressing antidegradation WQS issues
HQ66	9/03	draft economic analysis	SAIC, EPA contractor	DE	draft of economic analysis supporting the draft proposed federal rule setting WQS for OR
HQ67	02/13/04	draft outline	Mary Lou S., EPA R10	DE	draft analysis of OR public process in development of WQS
HQ68	undated	options and draft preamble language	EPA staff	DE	options and draft language on UAAs for preamble for draft proposed rule setting federal WQS for OR

HQ69	9/2/03	comments on draft biological assessment	Kellie Kubena, EPA	DE	comments on draft of biological assessment related to EPA's pending proposed rule setting WQS for OR
HQ70	8/28/03	comments on draft proposed rule	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on draft proposed rule setting WQS for OR
HQ71	undated	draft response to comments	EPA staff	DE	draft of response to comments on OR's public participation process, with edits
HQ72	undated	draft questions and answers document	EPA staff	DE	draft of questions and answers pertaining to EPA federal WQS proposal for OR, with edits
HQ73	8/03	list of attorney concerns	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney's list of legal concerns with 8/03 draft of proposed rule
HQ74	11/03	comments on draft biological assessment	Standards and Health Protection Division, EPA	DE	comments from the HQ standards group on the draft biological assessment relating to the pending OR WQS decision
HQ75	1/20/04	comments on draft support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	comments on draft document providing analysis and support for pending approval of OR WQS
HQ76	1/28/04	draft of support document	Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ77	1/29/04	draft of support document	Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	draft of document providing analysis and support for pending approval of OR WQS, with edits

HQ78	1/26/04	draft of support document	Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	draft of document providing analysis and support for pending approval of OR WQS
HQ79	1/15/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	draft of document providing analysis and support for pending approval of OR WQS
HQ80	1/20/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	draft of document providing analysis and support for pending approval of OR WQS
HQ81	1/20/04	draft of support document	Kellie Kubena, EPA	DE, WP, AC	comments on draft of document providing analysis and support for pending approval of OR WQS
HQ82	12/18/03	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	draft of document providing analysis and support for pending approval of OR WQS
HQ83	1/20/04	draft of support document	Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ84	2/12/04	draft of support document	Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ85	2/3/04	draft of support document	EPA staff	DE, WP, AC	draft of document providing analysis and support for pending approval of OR WQS
HQ86	undated	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits

HQ87	2/26/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ88	2/13/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ89	2/12/04	draft of support document	Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ90	2/25/04	draft of support document	Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ91	2/16/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ92	2/19/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ93	2/25/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ94	2/16/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ95	2/17/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits

HQ96	undated	draft of support document	EPA staff	DE	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ97	2/25/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ98	2/22/04	draft of support document	Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	attorney comments on draft of document providing analysis and support for pending approval of OR WQS,
HQ99	2/19/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ100	2/11/04	draft of support document	Kellie Kubena, EPA	DE	partial draft of document providing analysis and support for pending approval of OR WQS
HQ101	2/23/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ102	2/16/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ103	2/16/04	internal email	Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	exchange of emails between EPA attorneys concerning minor WQS changes
HQ104	2/24/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits

HQ105	undated	draft of support document	EPA staff	DE	partial draft of document providing analysis and support for pending approval of OR WQS
HQ106	2/19/04	draft of support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ107	undated	draft of support document	EPA staff	DE	partial draft of document providing analysis and support for pending approval of OR WQS, with edits
HQ108	2/26/04	comment analysis	EPA staff	DE	internal analysis of comments on EPA's proposed rule regarding methodology
HQ109	undated	options and analysis	EPA staff	DE	options and analysis for variances and UAAs for EPA draft rule
HQ110	9/19/04	internal memorandum	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	draft memorandum from Associate General Counsel to Assistant Administrator for Water concerning proposed OR rule
HQ111	undated	draft of support document	EPA staff	DE	partial draft of document providing analysis and support for pending approval of OR WQS
HQ112	9/15/03	draft of preamble and rule	unknown	DE	draft of preamble and proposed rule establishing federal WQS for OR
HQ113	9/3/03	draft of preamble	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	partial draft of preamble for proposed rule establishing federal WQS for OR
HQ114	5/23/03	options paper	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	options for disapproval of OR standards



HQ115	9/25/03	draft of disapproval letter	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney comments on draft letter disapproving OR WQS
HQ116	7/1/03	draft of disapproval letter	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney comments on draft letter disapproving OR WQS
HQ117	7/1/03	draft of disapproval letter	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney draft of letter disapproving OR WQS
HQ118	7/28/03	draft of disapproval letter	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney comments on draft letter disapproving OR WQS
HQ119	9/23/03	draft of disapproval letter	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney comments on draft letter disapproving OR WQS
HQ120	9/24/03	draft of disapproval letter	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney comments on draft letter disapproving OR WQS
HQ121	9/25/03	draft of disapproval letter	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney comments on draft letter disapproving OR WQS
HQ122	9/15/03	draft of preamble	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	partial draft of preamble for proposed rule establishing federal WQS for OR
HQ123	5/12/03	draft options paper	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney draft of options and analysis for complying with Court order regarding OR WQS
HQ124	5/22/03	analysis of Court opinion	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney draft analysis concerning Court opinion and implications
HQ125	9/5/03	draft letter	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney comments on draft letter to OR regarding time and place designations

HQ126	9/5/03	draft letter	Carol Ann Siciliano, Attorney, EPA and others	DE, WP, AC	attorney comments on draft letter to OR regarding time and place designations
HQ127	5/13/03	draft options paper	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney draft of options and analysis for complying with Court order regarding OR WQS
HQ128	6/17/03	draft preamble	EPA staff	DE	draft of preamble for proposed rule establishing federal WQS for Oregon
HQ129	8/2/03	draft preamble	EPA staff	DE	draft of preamble for proposed rule establishing federal WQS for Oregon
HQ130	7/22/03	draft rule text	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney draft of rule text needed to respond to Court order
HQ131	undated	options and analysis	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney options and analysis for complying with Court order regarding OR WQS
HQ132	5/22/03	analysis of Court opinion	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney analysis of Court order regarding OR WQS for briefing for Assistant Administrator for Water
HQ133	8/12/03	draft letter	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney draft of letter to Corps of Engineers regarding legal issue concerning dams on Columbia River
HQ134	7/30/03	draft options and analysis	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney draft of options and analysis regarding dams under Oregon WQS
HQ135	8/10/03	draft options and analysis	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney draft of options and analysis regarding dams under Oregon WQS
HQ136	8/18/03	draft analysis	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney draft of issues and analysis regarding dams under Oregon WQS

HQ137	8/21/03	analysis	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney draft of analysis regarding dams and variances for proposed EPA rule
HQ138	undated	analysis of Court opinion	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	attorney analysis of Court decision regarding Oregon WQS
HQ139	9/20/02	draft letter	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney comments on draft letter regarding ESA consultation on temperature issues
HQ140	9/20/02	draft letter	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney comments on draft letter regarding ESA consultation on temperature issues
HQ141	8/06/02	draft guidance	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney draft of language on CWA 304 for draft temperature guidance
HQ142	3/25/02	draft letter	EPA staff	DE	draft of letter to Senator regarding draft temperature guidance
HQ143	9/17/02	draft temperature guidance	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney comments on internal draft temperature guidance
HQ144	2/13/03	draft temperature guidance	EPA staff	DE	internal draft of temperature guidance
HQ145	3/4/03	draft temperature guidance	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney comments on draft temperature guidance
HQ146	4/3/03	draft temperature guidance	EPA staff	DE	internal draft of temperature guidance
HQ147	3/26/03	draft temperature guidance	EPA staff	DE	internal draft of temperature guidance

HQ148	3/11/03	draft temperature guidance	EPA staff	DE	internal draft of temperature guidance
HQ149	10/4/01	draft temperature guidance	Carol Ann Siciliano and Lee Schroer, Attorneys, EPA	DE, AC	attorney comments on draft temperature guidance
HQ150	9/28/01	draft temperature guidance	Steven Neugeboren, Attorney, EPA	DE, AC	attorney comments on draft temperature guidance
HQ151	3/21/03	draft temperature guidance	Carol Ann Siciliano, attorney, EPA	DE, AC	attorney comments on portions of draft temperature guidance
HQ152	3/21/03	draft temperature guidance	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney comments on portions of draft temperature guidance
HQ153	3/24/03	draft temperature guidance	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney comments on draft temperature guidance
HQ154	10/7/01	draft temperature guidance	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney comments on draft temperature guidance
HQ155	7/12/02	draft temperature guidance	Carol Ann Siciliano and Steven Neugeboren, Attorneys, EPA	DE, AC	attorney comments on draft temperature guidance
HQ156	4/2/03	draft temperature guidance	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney comment on Section 7 of draft temperature guidance
HQ157	7/11/02	draft temperature guidance	Carol Ann Siciliano and Steven Neugeboren, Attorneys, EPA	DE, AC	attorney comments on draft temperature guidance
HQ158	7/25/02	draft temperature guidance	Carol Ann Siciliano and Steven Neugeboren, Attorneys, EPA and others	DE, AC	attorney and other internal comments on draft temperature guidance

HQ159	3/20/03	draft temperature guidance	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney comments on thermal section of draft temperature guidance
HQ160	9/10/03	draft preamble and rule	EPA staff	DE	internal draft of proposed preamble and rule for federal rule establishing WQS for Oregon, with edits
HQ161	9/3/03	draft preamble and rule	EPA staff	DE	internal draft of proposed preamble and rule for federal rule establishing WQS for Oregon, with edits
HQ162	8/26/03	options and analysis	EPA staff	DE	internal draft of options and analysis concerning variance provision in draft proposed federal rule, with edits
HQ163	undated	options and analysis	EPA staff	DE, AC, WP	internal draft of options and analysis concerning variance provision in draft proposed federal rule, with edits including some from attorneys
HQ164	8/27/03	options and analysis	EPA staff	DE	internal draft of options and analysis concerning variance provision in draft proposed federal rule, with edits
HQ165	undated	options and analysis	EPA staff	DE	internal draft of options and analysis concerning variance provision in draft proposed federal rule
HQ166	undated	draft preamble	EPA staff	DE	internal draft of preamble language concerning dams under draft proposed federal rule, with edits
HQ167	8/26/03	options and analysis	EPA staff	DE	internal draft of options and analysis concerning variance provision in draft proposed federal rule

HQ168	7/1/03	internal email	Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	internal discussion of legal implications of several options for approaching antidegradation issues
HQ169	7/18/03	internal email	Carol Ann Siciliano, Attorney, EPA	DE, WP, AC	issues for discussion concerning options for Oregon
HQ170	8/8/03	internal briefing paper	Office of Water	DE	powerpoint presentation for staff to brief Assistant Administrator on pending proposed EPA rule on Oregon
HQ171	8/14/03	internal email and attached drafts of rule	Keith Cohon, Attorney, EPA R10 and others	DE, WP, AC	internal email discussion of issues in new draft of proposed federal rule, attaching drafts of rule, some with comments
HQ172	12/1/03	internal email	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney discussion of antidegradaton issue in pending rulemaking
HQ173	12/2/03	internal email and draft BE	Dru Keenan, EPA R10, Mary Ellen Levine, Attorney, EPA and others	DE, WP, AC	email discussion of antidegradation issues and draft sections of BE for Oregon
HQ174	12/5/03	internal email	Keith Cohon, Attorney, EPA R10 and others	DE, WP, AC	email discussion of which Oregon standards will be covered by EPA action
HQ175	12/5/03	internal email and draft BE	Tonya Fish, EPA	DE	email discussion of attached draft section of BE for Oregon
HQ176	12/10/03	draft BE	Tonya Fish, EPA	DE	draft section of BE for Oregon

HQ177	12/11/03	draft BE	Tonya Fish, EPA	DE	draft section of BE for Oregon
HQ178	12/18/03	internal email and draft fish habitat assessment	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney comments on draft fish habitat assessment
HQ179	2/8/04	draft support document	Mary Ellen Levine, Attorney, EPA	DE, WP, AC	attorney draft of responses to comments for support document for pending EPA approval of Oregon standards
HQ180	2/10/04	draft BE	Dru Keenan, EPA R10	DE	revised draft of biological evaluation for Oregon approval
HQ181	2/13/04	internal email	Donna Davis, EPA and others	DE	email discussion of antidegradation issue in Oregon standards
HQ182	2/8/04	draft Oregon approval document	Mary Ellen Levine, Attorney, EPA and Claudia Fabiano, EPA	DE, WP, AC	attorney comments on draft approval document for Oregon, with additional handwritten comments from Claudia Fabiano, EPA
HQ183	11/6/03	draft Oregon regulations	Claudia Fabiano, EPA	DE	handwritten comments from EPA staff on draft of part of Oregon revised rule
HQ184	1/20/04	draft support document	Claudia Fabiano, EPA	DE	draft of EPA support document for approval of Oregon standards with handwritten notes of Claudia Fabiano
HQ185	12/5/03	draft BE	Claudia Fabiano, EPA	DE	draft of EPA biological evaluation for approval of Oregon standards with handwritten notes of Claudia Fabiano
HQ186	7/8/02	internal email	Cara Lalley, EPA	DE	internal email discussing draft temperature guidance

HQ187	7/10/02	internal email and attached draft temperature guidance	Carol Ann Siciliano, Attorney EPA and others	DE, WP, AC	internal email attaching attorney comments on draft temperature guidance
HQ188	7/11/02	internal email	Keith Sappington, EPA and others	DE	internal email discussing draft temperature guidance
HQ189	7/12/02	internal email	Cara Lalley, EPA	DE	internal email discussing draft temperature guidance
HQ190	7/15/02	internal email	Dru Keenan, EPA and others	DE	internal email discussing draft temperature guidance
HQ191	7/16/02	internal email	Cara Lalley, EPA and others	DE	internal email discussing draft temperature guidance
HQ192	7/16/02	internal email	Cara Lalley, EPA	DE, AC	email to attorneys concerning attorney comments on draft temperature guidance
HQ193	7/16/02	internal email	Carol Ann Siciliano, Attorney, EPA and others	DE, AC	attorney response to email discussing attorney comments on draft temperature guidance
HQ194	7/29/02	internal email	Cara Lalley, EPA	DE	internal email discussing draft temperature guidance
HQ195	7/29/02	internal email	Cara Lalley, EPA	DE	internal email discussing draft temperature guidance
HQ196	7/29/02	internal email	Cara Lalley, EPA	DE	internal email discussing draft temperature guidance
HQ197	9/20/02	internal email	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney issues related to R10 temperature project



HQ198	9/20/02	internal email	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney issues related to temperature project
HQ199	9/20/02	internal email	William Morrow, EPA	DE, AC	response to attorney issue related to temperature project
HQ200	9/25/02	internal email	Randy Smith, EPA R10 and others	DE	briefing materials for Assistant Administrator on pending temperature project
HQ201	9/25/02	internal email	Dru Keenan, EPA R10 and others	DE	question concerning DOD involvement in temperature project
HQ202	10/10/02	internal email	Cara Lalley, EPA and others	DE, AC	email containing attorney notes and analysis from meeting on temperature project
HQ203	2/4/03	internal email	Cara Lalley, EPA	DE	internal email discussing revisions to temperature guidance
HQ204	2/27/03	internal email and draft of temperature guidance	Cara Lalley, EPA	DE	internal email discussing comments on draft temperature guidance and attaching edited version of guidance
HQ205	3/13/03	internal email	Cara Lalley, EPA and others	DE	internal email discussing draft temperature guidance
HQ206	3/14/03	internal email	Carol Ann Siciliano, Attorney, EPA and others	DE, AC	internal email discussing issues raised at internal briefing on temperature guidance
HQ207	3/19/03	internal email	Cara Lalley, EPA	DE	internal email revising a section of draft temperature guidance
HQ208	3/20/03	internal email	Carol Ann Siciliano, Attorney, EPA	DE, AC	email from attorney discussing issue raised in internal briefing on temperature guidance

HQ209	3/31/03	internal email	G. Tracy Mehan, EPA and others	DE, AC	response to email from attorney discussing issues raised in internal briefing on temperature guidance
HQ210	4/17/03	internal email	Carol Ann Siciliano, Attorney, EPA	DE, AC	attorney recommended language for temperature guidance
HQ211	undated	draft internal briefing paper	EPA staff	DE	draft briefing paper for R10 Regional Administrator on temperature project
HQ212	undated	draft internal briefing paper	EPA staff	DE	draft briefing paper for managers in EPA HQ and R10 on temperature project
HQ213	4/15/03	draft guidance	Carol Ann Siciliano, Attorney, EPA	DE	draft of temperature guidance with attorney comments in text and in accompanying note

DE = Deliberative

WP = Attorney Work Product

AC = Attorney Client Privilege

Log of Excluded Documents  
Northwest Environmental Advocates  
v.  
United States Environmental Protection Agency, et al.  
Civil Case No. 3:05-1876-HA

<i>Clean Water Act Actions</i>					
DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 1	8/8/03	Draft Proposed Rule	EPA	DE, AC	Draft proposed federal rule for OR WQS with various proposed edits, including staff and attorney comments
JP 2	8/14/03	Draft Proposed Rule	EPA	DE, AC	Draft proposed federal rule for OR WQS with various proposed edits, including staff and attorney comments
JP 3	8/14/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 4	8/21/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule RE: where and when, including staff comments
JP 5	8/26/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 6	8/26/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 7	8/27/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 8	8/27/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 9	8/27/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 10	8/28/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 11	9/2/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 12	9/2/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 13	9/3/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 14	9/4/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 15	9/5/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 16	9/9/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 17	9/9/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 18	9/10/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 19	9/10/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 20	9/10/03	Economic analysis for EPA proposed rule	EPA	DE, AC	Draft economic analysis for EPA's proposed rule.
JP 21	9/10/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 22	9/15/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 23	9/16/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 24	9/16/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 25	9/16/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 26	9/17/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 27	9/23/03	Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments
JP 28	10/9/03	Draft Insert for Draft Rule Preamble	EPA	DE, AC	Draft Preamble language for OR WQS proposed federal rule including staff and attorney comments

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 29	10/1/03	Draft EPA's comments on Oregon's proposed rule	EPA	DE, AC	Draft EPA's comments on Oregon's proposed rule, including staff and attorney comments
JP 30	10/1/03	Draft EPA comment letter on Oregon's proposed rule	EPA	DE, AC	Draft EPA comment letter on Oregon's proposed rule, including staff and attorney comments
JP 31	10/2/03	Draft EPA comment letter on Oregon's proposed rule	EPA	DE, AC	Draft EPA comment letter on Oregon's proposed rule, including staff and attorney comments
JP 32	12/9/03	Draft text for EPA Biological Evaluation	EPA	DE	Draft text for EPA Biological Evaluation, including staff comments
JP 33	12/11/03	Draft text for EPA Biological Evaluation	EPA	DE	Draft text for EPA Biological Evaluation, including staff comments
JP 34	12/18/03	Draft EPA Biological Evaluation	EPA	DE	Draft EPA Biological Evaluation, including staff comments
JP 35	1/20/04	Draft Technical Support Document	EPA	DE, AC	Draft Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 36	1/23/04	Draft EPA Amended Biological Evaluation	EPA	DE	Draft EPA Biological Evaluation, including staff comments
JP 37	1/29/04	Draft text for Technical Support Document	EPA	DE, AC	Draft language for Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 38	1/29/04	Draft EPA Amended Biological Evaluation	EPA	DE	Draft EPA Biological Evaluation, including staff comments

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 39	2/2/04	Draft text for Technical Support Document	EPA	DE, AC	Draft language for Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 40	2/2/04	EPA draft comments on Oregon draft letter re: natural conditions	EPA	DE	EPA staff (John Palmer) suggested edits to Oregon draft letter
JP 41	2/3/04	Draft EPA Amended Biological Evaluation	EPA	DE	Draft EPA Biological Evaluation, including staff comments
JP 42	2/4/04	Draft Technical Support Document	EPA	DE, AC	Draft Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 43	2/13/04	Draft Technical Support Document	EPA	DE, AC	Draft Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 44	2/18/04	Draft text for Technical Support Document	EPA	DE, AC	Draft language for Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 45	2/18/04	Draft text for Technical Support Document	EPA	DE, AC	Draft language for Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 46	2/19/04	Draft text for Technical Support Document	EPA	DE, AC	Draft language for Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 47	2/19/04	Draft text for Technical Support Document	EPA	DE, AC	Draft language for Technical Support Document for EPA approval of OR WQS, including staff and attorney comments

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 48	2/19/04	Draft text for Technical Support Document	EPA	DE, AC	Draft language for Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 49	2/19/04	Draft text for Technical Support Document	EPA	DE, AC	Draft language for Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 50	2/20/04	Draft Technical Support Document	EPA	DE, AC	Draft Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 51	2/23/04	Draft Technical Support Document	EPA	DE, AC	Draft Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 52	2/24/04	Draft text for Technical Support Document	EPA	DE, AC	Draft language for Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 53	2/27/04	Draft Technical Support Document	EPA	DE, AC	Draft Technical Support Document for EPA approval of OR WQS, including staff and attorney comments
JP 54	3/2/04	Draft Technical Support Document	EPA	DE, AC	Draft Technical Support Document for EPA approval of OR WQS, including staff and attorney comments

DE = Deliberative

WP = Attorney Work Product

AC = Attorney Client Privilege



## Log of Excluded Documents

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<i>Clean Water Act Actions</i>					
DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
<b>Documents re Federal Rule</b>					
KC1	9/24/03	Draft letter	Carolann Siciliano, EPA Attorney Keith Cohon, EPA Attorney Adrienne Allen, EPA Attorney	A-C, DP	Draft disapproval letter with attorney edits
KC2	9/2/03	Draft Proposed Federal Rule	EPA staff and attorneys	A-C, DP	Draft proposed federal rule for OR WQS with various proposed edits, including attorney suggestions
KC3	9/4/03	Draft Proposed Federal Rule	EPA staff and attorneys	A-C, DP	Draft proposed federal rule for OR WQS with various proposed edits, including attorney suggestions
KC4	9/8/03	Draft Proposed Federal Rule	EPA staff and attorneys	A-C, DP	Draft proposed federal rule for OR WQS with various proposed edits, including attorney suggestions

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
KC5	9/9/03	Draft Insert for Proposed Federal Rule	Keith Cohon,EPA Attorney, EPA staff	A-C, DP	Draft insert re bull trout, with attorney comments
KC6	9/10/03	Draft Insert for Proposed Federal Rule	Keith Cohon, Attorney EPA, EPA staff	A-C, DP	Draft insert re bull trout, with attorney comments
KC7	9/9/03	Draft Insert for Proposed Federal Rule Preamble	Keith Cohon, Attorney EPA, EPA staff	A-C, DP	Draft Preamble language re heat load, with attorney comments
KC8	9/10/03	Draft Insert for Proposed Federal Rule Preamble	Keith Cohon, Attorney EPA, EPAs staff	A-C, DP	Draft Preamble language re heat load, with attorney comments
KC9	9/10/03	Draft Insert for Proposed Federal Rule Preamble	EPA staff and attorneys	A-C, DP	Draft Preamble language re refugia, with attorney comments
KC10	8/13/03	Draft Proposed Federal Rule Language	EPA staff and attorneys	A-C, DP	Draft Rule Language (131.40) with attorney comments
KC11	8/13/03	Draft Proposed Federal Rule Language	Keith Cohon, Attorney EPA, EPA staff	A-C, DP	Draft Rule Language (131.40) with additional attorney comments
KC12	undated	Draft Insert for Proposed Federal Rule Preamble	EPA staff and attorneys	A-C, DP	Draft background language for federal rule preamble, with attorney comments [preamble background]

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
KC13	8/21/03	Draft Proposed Federal Rule	EPA staff and attorneys	A-C, DP	Draft proposed federal rule for OR WQS with various proposed edits, including attorney suggestions
KC14	undated	Draft Insert for Federal Rule Preamble	EPA staff and attorneys	A-C, DP	Attorney suggestions for draft language for Federal Rule Preamble re Ecotrust study
KC15	9/19/03	Final Draft Proposed Rule	EPA staff and attorneys	DP	Final draft of proposed federal rule and preamble
KC16	undated	Outline	EPA staff	DP	Outline of possible federal temperature standard for Oregon
<b>Documents re Oregon Rule</b>					
KC17	3/1/04	Draft Letter Approving OR WQS	EPA staff and attorneys	DP, AC	Draft letter approving Or WQS
KC18	3/1/04	Draft Letter Approving OR WQS	EPA Staff and attorneys	DP, AC	Redlined version comparing prior two versions of Draft Approval letter.
KC19	10/2/03	Suggested insert for comment letter	Keith Cohon, EPA Attorney	A-C, DP	Attorney comments and edits for introductory language for comment letter
KC20	3/1/04	Draft Cover letter	EPA staff	DP	Draft of cover letter to NWEA and PEAC enclosing the final approval documents for the OR WQS
KC21	2/3/04	Attorney analysis	K. Cohon, EPA Attorney	DP, A-C,	Attorney analysis of which OR provisions require EPA approval or disapproval.
KC22	6/20/03	Attorney analysis	K. Cohon, EPA Attorney	DP, A-C,	Attorney analysis of draft Oregon WQ standards.

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
KC23	1/30/04	Draft approval document	K. Cohon, EPA	DP, A-C	Initial draft of EPA approval document
KC24	7/10/02	Attorney analysis of proposed OR WQS	K. Cohon, EPA	WP, DP	Attorney analysis of OR WQS, in preparation for EPA approval decision, and possible defense of judicial challenge to decision
KC25	12/4/03	OR regulation with attorney markings	K. Cohon, EPA Attorney	A-C, WP, DP	OR WQS regulation with attorney markings advising which provisions require EPA action.
KC26	9/26/03	Attorney notes	K. Cohon, EPA Attorney	A-C, DP	Attorney notes on OR proposed WQS regulation.
KC27	undated	Support document w/attorney comments	K. Cohon, EPA Attorney EPA staff	A-C, DP	Attorney suggestions for support document
<b>Documents related to temperature standards for Oregon generally</b>					
KC28	1/23/04	Biological Evaluation with redline comments	EPA staff	DE	BE with redline changes
KC29	10/22/03	Outline - internal notes	K. Cohon EPA Attorney	DP, A-C	Outline comparing proposed Oregon rule to proposed federal rule. ]
KC30	6/20/03	Attorney analysis	K. Cohon, EPA Attorney	WP, A-C, DP	Attorney analysis and advice re ESA and OR temperature WQS
KC31	5/22/03	Briefing notes	K. Cohon, EPA Attorney	DP, A-C	Draft briefing notes for internal legal briefing by attorneys.
KC32	8/8/02	Suggested insert for temperature guidance	K. Cohon, EPA Attorney	DP, A-C	Attorney suggestions for language in temperature guidance.

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
KC33	9/18/02	Suggested language for temperature guidance	K. Cohon, EPA Attorney	A-C, DP	Attorney suggestions re temperature guidance language
KC34	2/7/08	Draft letter or e-mail message	K. Cohon, EPA Attorney	DP, A-C	Attorney draft, for purposes of internal discussion, of letter or e-mail message to DEQ. re: Thermal Potential Approach
KC35	12/4/03	OR regulation with attorney markings	K. Cohon, EPA Attorney	A-C, WP, DP	OR WQS regulation with attorney markings advising which provisions require EPA action.
KC36	12/4/03	OR regulation with attorney markings	K. Cohon, EPA Attorney	A-C, WP, DP	OR WQS regulation with attorney markings advising which provisions require EPA action.

DP = Deliberative

WP = Attorney Work Product Prepared in Anticipation of Litigation

A-C = Attorney Client Privilege

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<i>Clean Water Act Action Documents</i>					
DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
PVH 1	9/12/03	Internal Briefing	EPA Staff	DE	Powerpoint presentation on Oregon Water Quality Standards
PVH 2	9/26/03	Internal Notes	Paula Vanhaagen, R10	DE	Draft Comments on Oregon's Proposed Rule
PVH 3	9/29/03	Internal Draft Comment Letter	EPA Staff	DE	Draft Comment Letter re: Comments on OR's Proposed Revisions to OAR Division 41, Water Quality Standards: Beneficial Uses, Policies, and Criteria for Oregon, 8/15/03
PVH 4	10/1/03	Internal Draft Comments	EPA Staff	DE	Draft comments on OR's Proposed Rule
PVH 5	11/20/03	Draft Comments	Jeff Lockwood, NOAA	DE	Interagency Comments from NOAA, re: Provisions in Proposed OR DEQ Water Quality Criteria Needing Clarification or Interpretation
PVH6	2/27/04	Draft Questions and Answers	EPA Staff	DE	Draft Questions and Answers re: EPA Approval of Water Quality Standards for State of Oregon

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
PVH 7	undated	Options Paper	EPA Staff	DE	Intergravel Dissolved Oxygen (IGDO) options and comments
PVH 8	undated	Internal Draft Outline	EPA Staff	DE	Outline of Proposed Federal Rule re: Temperature Standard, Antidegradation, and Intergravel Dissolved Oxygen
PVH 9	undated	Draft Portion of Federal Rule	EPA Staff	DE	Draft Portion of Federal Rule with edits
PVH 10	undated	Internal Policy Questions	EPA Staff	DE	Policy Questions re: EPA Rulemaking
<b>Temperature Guidance Documents</b>					
PVH 11	undated	Internal Draft Document	EPA Staff	DE	Draft Internal Question and Answer Document on EPA Water Temperature Guidance
PVH 12	undated	Internal Draft Document	EPA Staff	DE	Draft Temperature Guidance page

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AC = Attorney Client Privilege

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<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 1	7/19/99	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Notes from meeting re: project planning
dmk 2	8/12/99	Internal meeting agenda with handwritten notes	Dru Keenan, EPA	DE	Handwritten notes
dmk 3	8/23/99	Handwritten notes from conference call	Dru Keenan, EPA	DE	Handwritten notes from conference call
dmk 4	8/23/99	Internal table	Dru Keenan, Epa	DE	Internal table: comparison of WA's Temperature Std and OR's Temperature Std.
dmk 5	8/24/99	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal planning meeting
dmk 6	9/10/99	Status Report on project establishment	Jim Wernitz, EPA	DE	Internal document outlining Status of Policy Workgroup of the Temp. Criteria Development Project
dmk 7	10/5/99	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from meeting re: technical workgroup and meetings
dmk 8	10/12/99	Handwritten deliberations	Dru Keenan, EPA	DE	Handwritten deliberations



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dmk 9	10/23/99	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from meeting re: review of first meeting of Temperature Policy Workgroup
dmk 10	10/27/99	Internal email	Jennifer Mitchell, EPA, to Dru Keenan, EPA	DE	Internal email re: peer review
dmk 11	12/16/99	Agenda for internal meeting w/ Handwritten Notes	Dru Keenan, EPA	DE, AC	Agenda for internal meeting with Adrienne Allen, Atty present re: Temperature Criteria Development Project w/ handwritten notes
dmk 12	1/5/00	Email w/ Services	Jeff Lockwood, NOAA, to Dru Keenan, EPA	DE	Email w/ Services re: Temperature Technical Comments
dmk 13	1/5/00	Internal email	Geoffrey Poole, EPA, to Dru Keenan, EPA	DE	Internal email re: Issue Papers
dmk 14	1/7/00	Handwritten notes from meeting	Geoff Poole, EPA	DE	
dmk 15	1/6/00	Internal email	From Clifford Villa, EPA Atty to EPA staff and T. Wegle, DOJ, H.Hawbecker, EPA Atty	DE, A/C	Internal email re: FACA questions
dmk 16	1/8/00	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from meeting project planning
dmk 17	1/12/00	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: temperature project ideas

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dmk 18	1/19/00	Handwritten Notes	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: preparations for technical workgroup meeting
dmk 19	1/19/00	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten Notes from internal meeting re: scheduling Policy workgroup meeting
dmk 20	1/23/00	Internal Email	James Werntz, R10, to Maryann Helferty, R10, cc: Dru Keenan, R10	DE	Internal email re: draft outreach strategy
dmk 21	1/26/00	Handwritten Notes from internal meeting	Dru Keenan, R10	DE	Handwritten notes from internal meeting re: prep for technical workgroup meeting
dmk 22	1/27/00	Agenda for internal meeting with handwritten notes	Dru Keenan, EPA	DE, AC	Agenda for internal meeting with EPA staff and Adrienne Allen EPA Atty re; Temperature Project and FACA Complaints.
dmk 23	1/27/00	Handwritten notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: FACA
dmk 24	1/28/00	Internal email re: Temperature Project	Randy Smith, EPA	DE AC	Internal Email to EPA staff and Adrienne Allen, EPA Atty re: Temperature Project update
dmk 25	2/2/00	Agenda for Internal Meeting; attachment w/ handwritten notes	Dru Keenan, EPA	DE	Agenda for Internal meeting re: Outreach for Regional Temperature Project ; attachment: draft outreach strategy; handwritten notes

<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 26	2/7/00	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from Technical Workgroup meetings
dmk 27	2/14/00	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	handwritten notes from internal meeting re: Guidance vs Criteria
dmk 28	2/16/00	Agenda for Internal conference call; with handwritten notes	Dru Keenan, R10	DE	Agenda for internal conference call re: with handwritten notes
dmk 29	2/22/00	Handwritten Notes from internal meeting	Dru Keenan, R10	DE	Handwritten Notes from internal meeting re: Peer Review Panel
dmk 30	2/23/00	Handwritten Notes from internal meeting	Dru Keenan, EPA R10	DE	Handwritten notes from internal meeting re: meeting for Policy Workgroup;
dmk 31	2/29/00	Internal Email with handwritten notes	William Bogue, R10 to Dru Keenan, R10	DE	Internal email re: temperature data w/ handwritten notes
dmk 32	3/8/00	Hand written notes on back of Agenda for Policy Workgroup Meeting	Dru Keenan, EPA	DE	Handwritten notes from meeting of the Policy Workgroup
dmk 33	3/15/00	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: policy workgroup meeting
dmk 34	3/20/00	Hand written notes	Dru Keenan, EPA	DE	Handwritten notes from workgroup planning meeting
dmk 35	3/21/00	Agenda for Internal meeting	Dru Keenan EPA	DE	Agenda for Internal meeting re: Timeline and Resource for Temperature Project

<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 36	3/29/00	Internal Timeline with handwritten notes	EPA Staff Dru Keenan ,EPA	DE	Draft Timeline and handwritten notes
dmk 37	4/4/00	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 38	4/20/00	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Internal meeting notes re: planning for technical workgroup meeting
dmk 39	4/20/00	Internal document with Handwritten Notes	Dru Keenan, EPA Geoff Poole, EPA	DE	Internal document for temperature criteria development w/ handwritten notes
dmk 40	4/21/00	Internal document with Handwritten Notes	Dru Keenan, EPA	DE	Internal chart re planning for Technical Workgroup meeting; with handwritten notes
dmk 41	4/21/00 (Version 2)	Internal document with Handwritten Notes	Dru Keenan, EPA	DE	Internal chart re planning for Technical Workgroup meeting; with handwritten notes
dmk 42	4/21/00 - 4/22/00	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	handwritten notes from internal meeting re: project planning
dmk 43	5/1/00	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from Aquatic Ecosystem Strategy Meeting
dmk 44	5/4/00	Schedule for project with handwritten notes	Dru Keenan, EPA	DE	Schedule for Temperature Project with handwritten notes
dmk 45	5/24/00	Handwritten notes from internal meeting	Dru Keenan, EPA	DE	handwritten notes from internal meeting to prep for technical workgroup meeting

<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 46	5/25/00	Handwritten notes from meeting	Dru Keenan EPA	DE	Handwritten notes from technical workgroup meeting
dmk 47	6/6/00	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 48	6/27/00	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from policy workgroup meeting
dmk 49	7/6/00	Agenda with handwritten notes	Dru Keenan, EPA	DE	Agenda for 7/6/00 ( in AR) Technical workgroup meeting w/ handwritten notes
dmk 50	7/6/00	Agenda with handwritten notes	Geoff Poole, EPA	DE	Agenda for 7/6/00 (in AR) Technical workgroup meeting w/ handwritten notes
dmk 51	7/13/00	Handwritten Notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from meeting with representatives from tribes
dmk 52	7/13/00	Handwritten notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re; project planning
dmk 53	7/18/00	Handwritten Notes from internal conference call	Dru Keenan, EPA	DE	Handwritten notes from internal conference call re: peer review
dmk 54	7/20/00	Handouts for technical workgroup meeting with Handwritten meeting notes	Dru Keenan, EPA EPA staff	DE	Handouts for technical workgroup meeting re: Technical interpretation and Proposed Project Goal Statement (in AR) with Handwritten meeting notes
dmk 55	7/21/00	Summary document w/ Handwritten Notes	Dru Keenan, R10	DE	Summary of Peer Review Panel's Review of Technical Issue Papers (in AR) with handwritten notes

<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 56	7/24/00	Email among federal agencies	Jeff Lockwood, NMFS,	DE	Email from NMFS to EPA staff, USFS staff re: presentation on temperature project
dmk 57	8/2/00	Handwritten notes on document	Dru Keenan, EPA	DE	Handwritten notes on document: Pacific Northwest Temperature Criteria Guidance Project Proposed revised Project Goal Statements (in AR)
dmk 58	8/2/00	Handwritten note from meeting	Dru Keenan, EPA	DE	Handwritten notes from Policy workgroup meeting
dmk 59	9/14/00	Internal Email and attachment and Handwritten Notes	Sherri Johnson, EPA contractor, to Dru Keenan, EPA -Attachment (R10), Dru Keenan	DE	Internal Email and internal draft summary of response from Request for Papers and handwritten notes
dmk 60	9/18/00	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 61	9/20/00	Agenda with handwritten notes	Dru Keenan, EPA	De	Agenda for Policy workgroup meeting (in AR) with handwritten notes
dmk 62	10/3/00	Handwritten notes from internal conference call	Dru Keenan, EPA	DE	Handwritten notes from internal conference call re: Peer review panel review of conceptual models.
dmk 63	10/12/00	Agenda with handwritten notes	Dru Keenan, EPA	DE	Agenda for technical workgroup (in AR) meeting with handwritten notes
dmk 64	10/12/00	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting

<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 65	11/2/00	Agenda for internal meeting and Handwritten Notes	Dru Keenan, EPA	DE	Agenda for internal meeting re: Briefing on Conceptual Models and Timeline for Temperature Project; handwritten notes
dmk 66	11/6/00	Handwritten notes on document for temperature project	Dru Keenan, EPA	DE	Handwritten notes on handout for technical workgroup meeting: draft Pacific Northwest Temperature Criteria Guidance Project (in AR)
dmk 67	11/7/00	Agenda with handwritten notes	Dru Keenan, EPA	DE	Agenda for technical workgroup meeting (in AR) with handwritten notes
dmk 68	11/7/00	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 69	11/8/00	Agenda and Handwritten Notes	Dru Keenan, EPA	DE	Agenda on Regional Temperature Criteria Guidance Project Policy Workgroup Meeting(in AR) with handwritten notes
dmk 70	11/14/00	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Notes from meeting internal meeting
dmk 71	11/22/00	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Notes from internal meeting re: project planning
dmk 72	11/30/00	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 73	12/6/00	Agenda for briefing with Handwritten Notes	Dru Keenan, EPA	DE	Agenda Briefing for Randy Smith; re: planning for policy meeting

<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 74	12/7/00	Agenda with handwritten notes	Dru Keenan, Epa	DE	Agenda for technical workgroup meeting(in AR) with handwritten notes
dmk 75	12/7/00	Handwritten notes from meeting	Dru Keenan EPA	DE	Handwritten notes from technical workgroup meeting
dmk 76	12/12/00	Meeting handout with handwritten notes	Dru Keenan, EPA	DE	Handout out on conceptual model (in AR) with handwritten notes
dmk 77	12/12/00	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: policy and technical workgroup meetings
dmk 78	1/4/01	Agenda with handwritten notes	Dru Keenan, EPA	DE	Agenda for Technical workgroup meeting (in AR) with handwritten notes
dmk 79	1/4/01	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 80	1/4/01	Handwritten notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: review of Technical workgroup meeting
dmk 81	1/9/01	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: technical workgroup planning
dmk 82	1/16/01	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten Notes from internal meeting re: technical workgroup planning work
dmk 83	1/24/01	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: prep for technical workgroup meeting



<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 84	1/31 - 2/1/01	Agenda with handwritten notes	Dru Keenan, EPA	DE	Agenda for technical workgroup meeting (in AR) with hand written notes
dmk 85	2/2/01	Internal Email	Dru Keenan, EPA, to Duane Karna ,EPA	DE	Internal email re: problem assessment for temperature TMDL
dmk 86	3/7/01	Handwritten notes from Techncial workgroup meeting	Dru Keenan, EPA	DE	Handwritten notes from Technical Workgroup meeting
dmk 87	3/8/01	Handwritten Notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from Policy workgroup
dmk 88	3/15/01	Handwritten notes from workshop	Dru Keenan, EPA	DE	Handwritten notes from public workshop
dmk 89	3/21/01	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten Notes from internal meeting re: Policy workgroup prep meeting
dmk 90	3/29/01	Handwritten notes from internal workgroup meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting to prep for policy meeting
dmk 91	4/3/01	Agenda and Handwritten Notes	Dru Keenan,EPA	DE	Agenda on Temperature Policy Workgroup Policy Call (in AR) and handwritten notes
dmk 92	4/11/01	Handwritten notes	Dru Keenan, EPA	DE	Handwritten notes from Technical workgroup meeting
dmk 93	4/25/01	Handwritten Notes from conference call	Dru Keenan, EPA	DE	Handwritten notes from conference call with Sally Sauter, USGS

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dmk 94	5/2/01	Agenda with handwritten notes	Dru Keenan, EPA	DE	Agenda for technical workgroup meeting (in AR) with handwritten notes
dmk 95	5/4/01	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from Policy workgroup meeting
dmk 96	5/7/01	Handwritten notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: assignments for technical workgroup
dmk 97	5/9/01	Handwritten notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: project management
dmk 98	5/16/01	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: project planning for technical workgroup
dmk 99	5/17/01	Handwritten notes from internal meeting	Dru Keenan, EPA	DE	handwritten notes from internal meeting re: project planning for technical work
dmk 100	6/4/01	Internal Email	Geoffrey Poole, EPA, to Dru Keenan	DE	Internal email re: peer review
dmk 101	6/5/01	Handwritten notes from internal meeting	Dru Keenan, EPA	De	Handwritten notes re: prep for policy meeting
dmk 102	6/7/01 - 6/8/01	Internal Email and handwritten notes	-Geoffrey Poole, EPA, to Sherri Johnson, EPA contractor -Dru Keenan (notes)	DE	Internal email re: peer review; handwritten notes

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dmk 103	6/21/01	Internal email	Geoffrey Poole, EPA	DE	Internal email re: technical workgroup concerns
dmk 104	7/3/01	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 105	7/10-7/11/01	Handout with handwritten notes	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 106	7/10-7/11/01 version 2	Handout with handwritten notes	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 107	7/10/01	Email to workgroups with handwritten notes	John Palmer, EPA Dru Keenan, EPA	DE	Email to technical and policy workgroup members (in AR) with handwritten notes
dmk 108	7/19/01 - 7/20/01	Handwritten Notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from policy workgroup meeting
dmk 109	7/19/01 - 7/20/01	Handout for meeting with handwritten notes	Dru Keenan, EPA	DE	Handout for policy workgroup meeting (in AR) with handwritten notes
dmk 110	7/20/01	Handwritten Notes from meeting	Randy Smith, EPA	DE	Handwritten notes from Policy Communication Meeting
dmk 111	7/23/01	Handwritten Notes	Dru Keenan, R10	AC, DE	Notes from meeting with attorney
dmk 112	7/25/01	Handwritten notes from meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting

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dmk 113	7/30/01	Handwritten Notes from internal conference call	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: peer review
dmk 114	7/31/01	Handwritten Notes from internal meeting	Dru Keenan, EPA	AC, DE	Handwritten notes from internal meeting with EPA staff and EPA attorneys Adrienne Allen and Adan Schwartz re: Temperature Project and Legal Assistance
dmk 115	7/31/01	Internal Email	John Palmer, EPA, to Adrienne Allen ,EPA atty, Adan Schwartz, EPA atty, Dru Keenan, EPA	AC, DE	Internal email with attorneys re: temperature project legal issues
dmk 116	8/1/01	Handwritten Notes from internal conference call	Dru Keenan, EPA	DE	Handwritten notes from internal conference call Re: technical work
dmk 117	8/1/01	Internal email	Adrienne Allen, EPA attorney	AC	Attorney comment on draft temperature guidance
dmk 118	8/2/01	Handwritten Notes	Dru Keenan, EPA	AC, DE	Handwritten notes from meeting with EPA attorney Adrienne Allen
dmk 119	8/13/01	Handwritten Notes and Attachment	Dru Keenan, EPA	AC, DE	Handwritten notes from internal meeting with with attorneys Adrienne Allen and Adan Schwartz; and handout with attorney's comments
dmk 120	8/28/01	Internal email with comments on draft	Adan Schwartz, EPA atty John Palmer, EPA	AC, DE	Internal email with attorney comments on draft guidance

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dmk 121	9/4/01	Draft document with comments	Adan Schwartz, EPA atty	AC, DE	Draft internal document with EPA attorney comments
dmk 122	9/10/01	Handwritten Notes from conference call meeting	Dru Keenan, EPA	DE	Handwritten notes from conference call with the Policy workgroup
dmk 123	9/19/01	Handwritten Notes from meeting	Dru Keenan, EPA	DE	Handwritten Notes from policy workgroup meeting
dmk 124	9/20/01	Internal email	Geoffrey Poole, EPA,	DE	Internal Email message re: comments on modeler's meeting
dmk 125	9/21/01	Internal document with handwritten notes	Dru Keenan, EPA	DE	Internal chart with schedule for temperature project with handwritten notes
dmk 126	9/26/01	Agenda with handwritten notes	Dru Keenan, EPA	DE	Agenda for technical workgroup (in AR) with handwritten notes
dmk 127	10/1/01	Internal Email	From Geoff Poole, EPA to Dru Keenan, EPA	DE	Comments on draft Guidance, version 1
dmk 128	10/01	Presentation by NCASI with Handwritten Notes	NCASI Dru Keenan, EPA	DE	NCASI presentation on their comments Draft Guidance on State and Tribal Temperature Water Quality Standards(in AR) with handwritten notes
dmk 129	10/11/01	Internal comments on draft guidance	EPA Staff	DE	Internal comments on 3 <sup>rd</sup> draft of temperature guidance

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dmk 130	10/12/01	Handwritten notes from Conference Call Policy Workgroup	Dru Keenan, R10	DE	Handwritten Notes from conference call with Policy workgroup
dmk 131	10/15/01	Internal edits of draft Temperature guidance with Handwritten Notes	EPA Staff Dru Keenan, EPA	DE	Internal edits to Draft Guidance document with handwritten notes
dmk 132	10/16/01	Internal Email with Handwritten Notes	Geoffrey Poole, EPA, to Dru Keenan, EPA Dru Keenan	DE	Internal email message re: discussion of executive summary on guidance with handwritten notes
dmk 133	10/18/01	Internal Draft Guidance with Handwritten Notes	EPA staff John Palmer, EPA	DE	Internal Draft Guidance with handwritten notes
dmk 134	10/18/01	Briefing Paper for internal briefing	Dru Keenan, EPA	DE AC	Internal briefing document with EPA management and Adan Schwartz, EPA Atty re: R10's Proposed Temperature Guidance document with handwritten notes
dmk 135	10/25/01	Internal Email	Geoffrey Poole, EPA, to Dru Keenan, R10	DE	Internal Email message re: assessing model error
dmk 136	11/30/01	Internal Email	Derek Poon, EPA, to EPA Staff, and EPA atty	DE, AC	Internal email to EPA staff and to Adrienne Allen, EPA atty re: ESA critical habitat designation above impassable dams
dmk 137	12/20/01	Draft Agenda with Handwritten Notes	Dru Keenan, EPA	DE	Draft Agenda for Regional Temperature Criteria Guidance Project Joint Policy and Technical Workgroup Meeting ( in AR) ; w/ handwritten notes

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dmk 138	1/24/02	Handwritten Notes from Oregon PAC meeting	Dru Keenan, R10	DE	Handwritten notes from PAC meeting
dmk 139	1/25/02	Handwritten Notes from Policy Workgroup meeting	Dru Keenan, R10	DE	Handwritten notes from Temperature Policy meeting
dmk 140	2/7/02	Handwritten Notes from meeting with stakeholder group	Dru Keenan, R10	DE	Handwritten Notes from meeting with stakeholder group
dmk 141	2/13/02	Handwritten Notes from internal meeting	Dru Keenan, R10	DE	Handwritten Notes from internal meeting re: next steps after public comment period closes
dmk 142	2/13/02	Handwritten Notes from conference call with stakeholder group	Dru Keenan, R10	DE	Handwritten notes from OAI conference call
dmk 143	2/14/02	Handwritten Notes from internal meeting	Dru Keenan, R10	DE AC	Handwritten notes from internal meeting with EPA staff and Keith Cohon, EPA atty, re: Major issues
dmk 144	2/27/02	Internal email	Geoffrey Poole, EPA, to Dru Keenan, R10	DE	Internal Email re: comments on feasible steps
dmk 145	3/7/02	Handwritten Notes	Dru Keenan, R10	DE	Handwritten notes from review of comments
dmk 146	3/8/02	Handwritten notes from Internal Conference Call	Dru Keenan, R10	DE	Handwritten notes from internal conference call

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dmk 147	3/11/02	Internal Email	Geoffrey Poole, EPA, to EPA staff	DE	Internal Email re: exit strategy
dmk 148	3/15/02	Internal Memorandum	Peter Leinenbach, R10, to Dru Keenan, R10, John Palmer, R10	DE	Memorandum re: Quick Review of Some of the Model Related Topics
dmk 149	3/19/02	Handwritten Notes from meeting	Dru Keenan, R10	DE	Handwritten Notes from meeting with Policy Workgroup and Technical Workgroup
dmk 150	3/21/02	Interagency meeting agenda with Handwritten Notes	NOAA staff Dru Keenan, R10	DE	1) Agenda for meeting among NMFS, EPA, FWS Temperature Project; 2) Handout EPA's talking points for meeting;; 3) and handwritten notes
dmk 151	3/22/02, 3/25/02	Handwritten Notes from presentation and follow-up conference call	Dru Keenan, R10	DE	Handwritten notes from phone call and watershed presentation by Geoff Poole, EPA
dmk 152	3/25/02	Internal timeline	EPA staff	DE	Timeline with handwritten notes
dmk 153	3/27/02	Internal document with handwritten notes	Dru Keenan, EPA	DE	Internal document on temperature guidance with handwritten notes
dmk 154	3/27/02	Talking points for internal briefing with handwritten notes	John Palmer, EPA Dru Keenan, EPA	DE	Talking points for internal briefing re: Direction for Temperature Criteria with handwritten notes
dmk 155	3/27/02	Internal diagrams for temperature project	John Palmer, R10	DE	Internal diagrams for temperature project



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dmk 156	3/27/02	Internal document	Dru Keenan	DE	Internal document on Temperature guidance
dmk 157	3/27/02	Internal Timeline with handwritten notes	EPA staff	DE	Draft Timeline for Completion of Temperature Guidance with handwritten notes
dmk 158	4/2/02	Handwritten notes from internal meeting and internal handouts	Dru Keenan, EPA	DE, AC	Internal meeting with EPA staff and EPA atty ; handout re temperature guidance and handwritten notes from meeting
dmk 159	4/3/02	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Notes from internal meeting
dmk 160	4/8/02	Internal document with Handwritten Notes	Dru Keenan, EPA	DE	Internal document re: EPA Staff Recommended Direction on Temperature Guidance with handwritten notes
dmk 161	4/9/02	Agenda for internal meeting with Handwritten Notes and internal deliberative document as attachment	John Palmer, EPA Dru Keenan, EPA	DE AC	Agenda for internal briefing with EPA management and staff and EPA atty Keith Cohon re: Temperature Criteria Guidance - Future Direction with handwritten notes
dmk 162	4/12/02	Draft white paper	Derek Poon, EPA	DE	Draft white paper re: "Recent Salmon Runs, Are We Out of the Woods?"
dmk 163	4/12/02	Handwritten Notes from meeting	Dru Keenan, EPA	DE	Handwritten Notes from Policy Workgroup meeting

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dmk 164	4/15/02	Internal email	Geoff Poole, EPA to Randy Smith, EPA	DE	internal email re: internal discussion of temperature guidance
dmk 165	4/17/02	Internal deliberative document with Handwritten Notes	John Palmer, EPA Dru Keenan, EPA	DE	Internal draft document re: temperature guidance options with handwritten notes
dmk 166	4/17/02	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten Notes from internal meeting re: Revision to Guidances
dmk 167	4/18/02 - 4/24/02	Emailed agenda for meeting among Services and EPA with attachments and handwritten notes	John Palmer, EPA Dru Keenan, EPA	DE	Emailed agenda for meeting with management and staff from NMFS, FWS, and EPA along with EPA atty; handouts: 1) Rough Timeline for Completion of Temperature Guidance; 2) Synthesis of Public Comments on EPA's Draft Temperature Guidance Preliminary Draft 4/18/02; 3) Recommended Framework for Temperature Guidance Draft 4/24/02; 4) Timeline for Completion of Temperature Guidance 4/24/02. With handwritten notes
dmk 168	4/23/02	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE, AC	Handwritten Notes from meeting with EPA attorney Adrienne Allen
dmk 169	4/23/02	Handwritten Notes from internal conference call	Geoff Poole, EPA Dru Keenan, EPA	DE	Handwritten Notes from conference call.
dmk 170	4/25/02	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten Notes from Internal meeting re: temperature guidance direction

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dmk 171	5/6/02	Handwritten Notes from meeting	Dru Keenan, EPA	DE	Handwritten Notes from policy workgroup meeting
dmk 172	5/8/02	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE, A/C	Notes from internal meeting with EPA staff and EPA atty Keith Cohon
dmk 173	5/10/02	Handwritten Notes from meeting with stakeholders	Dru Keenan, EPA	DE	Handwritten Notes from meeting with Eastern Water Alliance
dmk 174	5/10/02	Handwritten Notes from internal conference call	Geoff Poole, EPA Dru Keenan, EPA	DE	Handwritten Notes from internal conference call re: temperature guidance
dmk 175	5/23/02	Agenda for internal meeting with Handwritten Notes and Attachments	Dru Keenan, EPA	AC, DE	Agenda for internal meeting with EPA staff and EPA atty Keith Cohon; handwritten notes; and internal handouts re: temperature guidance
dmk 176	5/28/02	Draft document	EPA staff	DE	Draft outline for temperature guidance
dmk 177	5/29/02	Handwritten Notes from meeting with Attachments	Dru Keenan, EPA	DE	Handwritten notes from policy workgroup meeting with attachments re: Temperature Guidance Outline (in AR)
dmk 178	5/29/02	Handwritten Notes from meeting with ODEQ	Dru Keenan, EPA	DE, AC	Handwritten notes from meeting between EPA staff and EPA atty Keith Cohon and Oregon DEQ re: Guidance and Oregon

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dmk 179	6/3/02	Draft language for website posting	Dru Keenan, EPA	DE	Draft language for website posting of temperature case study for temperature guidance
dmk 180	Spring-Summer 2002	Draft Temperature Guidance presentation for internal meeting with Handwritten notes	John Palmer, EPA Dru Keenan, EPA	DE	Internal presentation on EPA R10 Draft Temperature Guidance; with handwritten notes
dmk 181	6/4/02	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten Notes from internal meeting
dmk 182	6/4/02	Agenda for internal meeting	Dru Keenan, EPA	DE	Agenda for internal meeting re temperature project
dmk 183	6/13/02	Email between EPA and Services with Handwritten Notes	Dru Keenan, EPA to Elizabeth Matena, and Shelley Spalding USFWS, Don Martin, John Palmer, EPA	DE	Email re: Bull Trout Question; with handwritten notes
dmk 184	6/27/02	Handwritten Notes from meeting with stakeholder group	Dru Keenan, EPA	DE	Handwritten Notes from meeting with Stakeholder group re: temperature guidance
dmk 185	7/1/02	Handwritten Notes from meeting with stakeholder group	Dru Keenan, EPA	DE	Handwritten Notes from meeting with stakeholder group re: temperature guidance
dmk 186	7/2/02	Handwritten Notes from meeting with stakeholder group	Dru Keenan, EPA	DE	Handwritten Notes from meeting with stakeholder re: Temperature guidance

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dmk 187	7/17/02	Handwritten Notes from meeting with stakeholder group	Dru Keenan, EPA	DE	Handwritten Notes from meeting with stakeholder group re: Temperature Guidance
dmk 188	7/22/02	Handwritten Notes from meeting with Services	Dru Keenan, EPA	DE	Handwritten notes from meeting with Services re: Temperature Guidance
dmk 189	7/22/02	Attorney and staff comment & edits on Draft Temperature Guidance	John Palmer, EPA staff Steve Neugelboren, EPA Atty Carolann Siciliano, EPA Atty	DE, AC	EPA staff and EPA Attorney comment & edits on Draft Temperature Guidance
dmk 190	7/23/02	Handwritten Notes from meeting with Tribal organization	Dru Keenan, EPA	DE	Handwritten Notes from meeting with Tribal organization
dmk 191	7/23/02	Handwritten Notes from Policy workgroup meeting	Dru Keenan, EPA	DE	Handwritten Notes from policy workgroup meeting
dmk 192	8/1/02	Agenda for Internal briefing for Regional Administrator, John Iani	Dru Keenan, R10	DE	Agenda for internal briefing on Temperature Guidance
dmk 193	8/5/02	Internal document for internal discussion with handwritten notes	Dru Keenan, EPA	DE	Internal document for discussion re: temperature guidance with handwritten notes
dmk 194	8/12/02	Email between Services and EPA re: Temperature guidance	Fr Stephen Zylstra, USFWS to Dru Keenan, EPA and other EPA and other FWS Staff	DE	Email between Services and EPA re: Temperature guidance

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dmk 195	8/12/02	Handwritten Notes from Stakeholder meeting	Randy Smith, EPA and Dru Keenan, EPA	DE	Handwritten Notes from stakeholder meeting re: temperature guidance
dmk 196	8/13/02	Handwritten Notes from Stakeholder meeting	Dru Keenan, EPA	DE	Handwritten meeting notes from stakeholder meeting re: temperature guidance
dmk 197	8/13/02	Handwritten Notes from Stakeholder meeting	Dru Keenan, EPA	DE	Handwritten meeting notes from stakeholder meeting re: temperature guidance
dmk 198	8/14/02	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten Notes from internal meeting
dmk 199	8/21/02	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten Notes from internal meeting re: briefings on temperature project
dmk 200	9/11/02	Internal Email re: temperature guidance	From Geoffrey Poole, EPA, to John Palmer, Dru Keenan, EPA	DE	Internal email re: Revised Temperature Guidance
dmk 201	9/12/02	Internal briefing re: update on Temperature project for EPA management	John Palmer, EPA	DE	Internal briefing re: update on Temperature project for EPA management
dmk 202	9/13/02	Handwritten Notes from Policy workgroup meeting	Dru Keenan, EPA	DE	Handwritten notes from Policy workgroup meeting

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dmk 203	9/18/02 - 9/20/02	Handwritten Notes from meeting with NMFS, FWS, and Tribal organization	Dru Keenan, EPA	DE	Handwritten notes from meetings with NMFS, CRITFIC, FWS re: temperature guidance
dmk 204	9/22/02-	Handwritten Notes from internal meeting and Attachments	Dru Keenan, EPA	DE	Handwritten notes from internal meeting; with attachments for upcoming policy workgroup
dmk 205	9/24/02	Handwritten Notes from conference call with policy workgroup with handout	Dru Keenan,EPA	DE	Handwritten Notes from conference call with Policy workgroup and handout of Big Issues and Recommended Changes to 8/29/02 Temperature Draft (in AR) with handwritten notes
dmk 206	9/24/02	Internal Email and attachments for internal management briefing	Randy Smith, EPA, to Dru Keenan, John Palmer, EPA	DE	Internal email re: briefing materials for internal briefing for EPA management on revised temperature guidance
dmk 207	9/25/02	Internal briefing handout with handwritten notes	Dru Keenan, EPA	DE	Internal briefing document re: 2 <sup>nd</sup> Public Review Draft; with handwritten notes
dmk 208	9/26/02	Handwritten Notes from conference call briefing for EPA management	Dru Keenan, EPA	DE	Handwritten Notes from internal briefing for EPA management re: temperature briefing
dmk 209	9/27/02	Internal email	Randy Smith, EPA to EPA staff and management	DE	Internal email re: Update on Temperature Project

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dmk 210	10/1/02	Handwritten Notes from meeting with Services	Dru Keenan, EPA	DE	Handwritten Notes from meeting with Services management and staff
dmk 211	10/1/02	Internal email re: temperature project update	Fr Randy Smith, Water Division Director to EPA managers	DE	Internal email re: temperature project update
dmk 212	10/3/02	Email between Services and EPA	Jeff Lockwood, NOAA, to EPA staff	DE	Email from Services re: Preliminary comments on 9/30 draft
dmk 213	10/31/02	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten Notes from internal meeting re: temperature project communication strategy
dmk 214	11/26/02	EPA internal review of comments from Forestry interest group	Peter Leinenbach, EPA	DE	EPA internal review of comments submitted by OFIC Oregon Forest Industry Commission (OFIC comments in AR)
dmk 215	12/10/02	Internal Email	Fr Randy Smith EPA Water Division Director, to John Iani, EPA Regional Administrator	DE	Internal email re: temperature guidance
dmk 216	12/17/02	Internal email	fr: EPA contractor to Dru Keenan, EPA	DE	Internal email re: peer review
dmk 217	12/17/01	Internal email	fr: EPA contractor to Dru Keenan, EPA	DE	Internal email re: peer review
dmk 218	3/18/03	Presentation for briefing for EPA and Services	John Palmer, EPA	DE	Presentation on EPA R10 Draft Temperature Guidance Overview of Final Draft for Services and EPA



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dmk 219	undated	Handwritten Notes	Dru Keenan, EPA	DE	Notes from internal meeting re: Temperature project organization
dmk 220	undated	Handwritten Notes on draft temperature guidance document	Dru Keenan, EPA	DE	Handwritten Notes on draft guidance document
dmk 221	undated	Handwritten Notes on draft document	Randy Smith, EPA	DE	Handwritten Notes on draft guidance document
dmk 222	undated	Handwritten Notes on draft document	Dru Keenan, EPA	DE	Handwritten notes on EPA draft document
dmk 223	undated	Handwritten Notes	Dru Keenan, EPA	DE	Handwritten notes on internal deliberations
dmk 224	undated	Handwritten Notes on draft document from Technical workgroup	Dru Keenan, EPA	DE	Handwritten notes on Key Points/Questions for Evaluating Temperature Criteria for Protection of Salmonids (in AR)
dmk 225	undated	Internal Memo	John Palmer, EPA to Chuck Findley, EPA deputy regional administrator	DE	Internal memo re: Oregon Issues/Temperature Project Outreach
dmk 226	undated	Internal Briefing for EPA management	Dru Keenan, EPA	DE	Internal briefing for EPA management on the Region 10 Temperature Criteria Development Project
dmk 227	undated	Handwritten Notes from technical workgroup meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting

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dmk 228	undated	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten meeting notes from May & June Meeting (no year)
dmk 229	undated	Internal Draft Comment Summary Table with handwritten notes	EPA staff Dru Keenan, EPA	DE	Draft Comment Summary Table on temperature guidance with handwritten notes
dmk 230	undated	Handwritten deliberations	Dru Keenan, EPA	DE	Handwritten deliberations re: temperature guidance outline
dmk 231	undated	Handwritten deliberations	Dru Keenan, EPA	DE	Handwritten deliberations on salmon life history
dmk 232	undated	Handwritten deliberations	Dru Keenan, EPA	DE	Handwritten deliberations
dmk 233	undated	Draft document with Handwritten Notes	Dru Keenan, EPA	DE	Draft Outreach Strategy for Regional Temperature Criteria, with handwritten notes
dmk 234	undated	Handwritten deliberations	Dru Keenan, EPA	DE	Handwritten deliberations re: temperature guidance
dmk 235	undated	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: planning for Policy Workgroup
dmk 236	undated	Handwritten Notes from internal meeting	Dru Keenan, EPA	DE	Handwritten notes for internal meeting re: planning for Technical Workgroup
dmk 237	undated	Handwritten research Notes	Dru Keenan, EPA	DE	handwritten research notes

<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 238	undated	Handwritten research Notes	Dru Keenan, EPA	DE	handwritten research notes
dmk 239	undated	Draft document with Handwritten Notes	EPA staff John Palmer EPA	DE	Draft outline for Appendix re: Summary of Scientific Literature Assessing Temperature Tolerance for Important Salmonid Life Stages with handwritten notes
dmk 240	undated	Handwritten research Notes	Dru Keenan, EPA	DE	Handwritten research notes
dmk 241	undated	Internal Draft Document with handwritten notes	EPA staff Dru Keenan, EPA	DE	Draft section of Temperature Guidance with handwritten notes
dmk 242	undated	Internal notes on temperature guidance	Dru Keenan, EPA	DE	Internal notes on temperature guidance
dmk 243	undated	Handwritten deliberative notes	Dru Keenan, EPA	DE	Handwritten deliberative notes re:
dmk 244	undated	Draft document with handwritten notes	EPA staff Dru Keenan, EPA	DE	Draft: Executive Summary for temperature guidance with handwritten notes
dmk 245	undated	Power-point Presentation Handout with handwritten notes	Dru Keenan, EPA	DE	Powerpoint Presentation Handout re: Pacific Northwest Water Quality Temperature Criteria Guidance Workshop Presentation on the Technical Workgroup Synthesis Paper (in AR) with handwritten notes

<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 246	undated	Staff internal deliberations	Dru Keenan, EPA	DE	Staff internal deliberations on temperature project
dmk 247	undated	Draft response letter	Dru Keenan, EPA	DE	Draft response letter to the Oregon Cattlemen's Assoc.
dmk 248	Undated	Internal email	Fr Geoff Poole, EPA to Dru Keenan, EPA	DE	Internal email re: internal discussions on temperature guidance
dmk 249	Undated	Temperature Guidance project document with handwritten notes	Dru Keenan, EPA	DE	Temperature guidance document: Overarching Themes: Concerns, Fears, Challenges, Opportunities (in AR) with handwritten notes
dmk 250	5/2 (year unknown)	Handwritten notes from technical workgroup meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 251	Undated	Handwritten notes from technical workgroup meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 252	7/31 (year unknown)	Handwritten notes from technical workgroup meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 253	Undated	Handwritten notes from technical workgroup meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting
dmk 254	Undated	Handwritten notes from policy workgroup meeting	Dru Keenan, EPA	DE	Handwritten notes from technical workgroup meeting

<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 255	Undated	Handwritten rough draft	Dru Keenan, EPA	DE	Handwritten rough draft of temperature project document
dmk 256	Undated	Handout for Technical workgroup meeting with handwritten notes	Dru Keenan, EPA	DE	Handouts for Technical workgroup meeting Draft sections of Technical Synthesis Paper (in AR) with handwritten notes from technical workgroup meeting
dmk 257	Undated	Handwritten notes from policy workgroup meeting	Dru Keenan, EPA	DE	Handwritten notes from policy workgroup meeting
dmk 258	Undated	Document with handwritten notes on internal meeting	Dru Keenan, EPA	DE	Document: Instructions for Finalizing Technical Issue Summaries (in AR) with handwritten notes from internal meeting re: peer review
dmk 259	Undated	Internal draft temperature guidance with edits	John Palmer, EPA EPA staff	DE	Internal Draft temperature guidance section with edits
dmk 260	Undated	Handwritten notes form internal meeting	Dru Keenan, EPA	DE	Handwritten notes from internal meeting re: Temperature guidance
dmk 261	Undated	Handout for Technical workgroup meeting with handwritten notes	Dru Keenan, EPA Marianne Deppman, EPA	DE	Handout for Technical workgroup re: Policy Goal and Technical Interpretation (in AR) with handwritten notes
dmk 262	Undated	Draft letters to USFS and USGS and Columbia River Intertribal Fish Commission (CRITFC)	Dru Keenan, EPA	DE	Draft appreciation letters to USFS and USGS and CRITFC re: Dr Dunham's and Mr Risley's and Dale McCullough's participation on Technical Workgroup

<b>TEMPERATURE GUIDANCE DOCUMENTS</b>					
<b>DOC. No.</b>	<b>DATE</b>	<b>DOC TYPE</b>	<b>AUTHOR AND AGENCY</b>	<b>REASON FOR WITHHOLDING</b>	<b>CONTENT</b>
dmk 263	Undated	Handwritten notes from internal meeting	Dru Keenan, EPA	DE, AC	Handwritten notes from internal meeting with EPA staff and Adrienne Allen, EPA atty re: temperature project planning

DE = Deliberative

WP = Attorney Work Product

AC = Attorney Client Privilege

## Log of Excluded Documents

Northwest Environmental Advocates  
v.  
United States Environmental Protection Agency, et al.  
Civil Case No. 3:05-1876-HA

<i>Development of EPA Region 10 Temperature Guidance</i>					
DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 1	undated	9/4/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Marica Lagerloef comments	DE	EPA staff comments on draft guidance
JP 2	undated	9/4/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Jannine Jennings comments	DE	EPA staff comments on draft guidance
JP 3	undated	9/4/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Adrienne Allen comments	DE, AC	EPA attorney comments on draft guidance
JP 4	undated	9/4/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Adan Schwartz comments	DE, AC	EPA attorney comments on draft guidance
JP 5	9/7/01	9/4/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Carolann Siciliano comments	DE, AC	EPA attorney comments on draft guidance
JP 6	9/17/01	Dru Keenan proposal for Temperature Guidance	Dru Keenan, EPA	DE	EPA staff suggestions on draft guidance
JP 7	undated	9/27/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Adan Schwartz comments	DE, AC	EPA attorney comments on draft guidance

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 8	undated	9/27/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Adan Schwartz comments	DE, AC	EPA attorney comments on draft guidance
JP 9	undated	9/27/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Adan Schwartz comments	DE, AC	EPA attorney comments on draft guidance
JP 10	undated	Comments of 9/27/01 Draft EPA R10 Temperature Guidance	EPA staff	DE	EPA staff comments on draft guidance
JP 11	undated	NPDES Unit comments on 9/27/01 Draft EPA R10 Temperature Guidance	EPA	DE	Consolidated comments from the NPDES permit unit
JP 12	undated	9/27/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Adan Schwartz comments	DE, AC	EPA attorney comments on draft guidance
JP 13	10/4/01	9/27/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Lee Schroer & Carol Ann Siciliano comments	DE, AC	EPA attorney comments on draft guidance
JP 14	undated	9/27/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA John Palmer notes	DE	John Palmer notes on draft guidance
JP 15	undated	9/27/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA EPA staff comments	DE	Comments from EPA's Office of Science and Technology
JP 16	10/9/01	Handwritten notes on email sent to policy workgroup	John Palmer, EPA	DE	EPA staff handwritten notes
JP 17	10/4/01	Appendix B of Draft EPA R10 Temperature Guidance	Technical Workgroup Product John Palmer, EPA mark-up	DE	EPA staff notes



DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 18	undated	10/17/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA staff comments
JP 19	10/15/01	Appendix B of Draft EPA R10 Temperature Guidance	Technical Workgroup Product John Palmer, EPA mark-up	DE	EPA staff notes
JP 20	undated	10/17/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Adan Schwartz comments	DE, AC	EPA attorney comments on draft guidance
JP 21	undated	10/17/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Adrianne Allen comments	DE, AC	EPA attorney comments on draft guidance
JP 22	10/18/01	Appendix B of Draft EPA R10 Temperature Guidance	Technical Workgroup Product EPA staff edits	DE	EPA staff comments on draft guidance
JP 23	undated	Excerpts of Draft EPA R10 Temperature Guidance	John Palmer, EPA Adrianne Allen comments	DE, AC	EPA attorney comments on draft guidance
JP 24	10/22/01	10/18/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Carol Ann Siciliano comments	DE, AC	EPA attorney comments on draft guidance
JP 25	undated	10/18/01 Draft EPA R10 Temperature Guidance	John Palmer, EPA Sue Gilbertson comments	DE, AC	EPA attorney comments on draft guidance
JP 26	7/22/02	6/18/02 Draft EPA R10 Temperature Guidance	John Palmer, EPA HQ attorney and staff comments	DE, AC	EPA attorney and HQ program staff comments on guidance
JP 27	6/24/02	6/18/02 Draft EPA R10 Temperature Guidance	John Palmer, EPA Adrianne Allen comments	DE, AC	EPA attorney comments on draft guidance

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 28	undated	6/18/02 Draft EPA R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author edits on draft guidance
JP 29	undated	6/18/02 Draft EPA R10 Temperature Guidance	John Palmer, EPA Marcia Lagerloef comments	DE	EPA staff comments on draft guidance
JP 30	undated	8/29/02 EPA Draft R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author edits on draft guidance
JP 31	undated	8/29/02 EPA Draft R10 Temperature Guidance	John Palmer, EPA Keith Cohen comments	DE, AC	EPA attorney comments on draft guidance
JP 32	undated	8/29/02 EPA Draft R10 Temperature Guidance	John Palmer, EPA Carol Ann Siciliano comments	DE, AC	EPA attorney comments on draft guidance
JP 33	undated	8/29/02 EPA Draft R10 Temperature Guidance	John Palmer, EPA Jannine Jennings comments	DE	EPA staff comments on draft guidance
JP 34	8/30/02	Peter Leinenbach email with comments on draft guidance	Peter Leinenbach	DE	EPA staff comments on draft guidance
JP 35	undated	10/10/02 EPA Draft R10 Temperature Guidance	John Palmer, EPA Randy Smith comments	DE	EPA manager comments on draft guidance
JP 36	9/30/02	Excerpt of EPA Draft R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author comments on draft guidance
JP 37	undated	10/10/02 EPA Draft R10 Temperature Guidance	John Palmer, EPA Dru Keenan comments	DE	EPA staff comments on draft guidance
JP 38	undated	10/10/02 EPA Draft R10 Temperature Guidance	John Palmer, EPA Adrienne Allen comments	DE, AC	EPA attorney comments on draft guidance

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 39	undated	Excerpt of EPA Draft R10 Temperature Guidance	John Palmer, EPA Randy Smith comments	DE	EPA manager comments on draft guidance
JP 40	1/16/03	Possible Changes to Temperature Guidance w/hand written notes	John Palmer, EPA	DE	EPA author notes on document
JP 41	undated	Excerpt of EPA Draft R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author comments on draft guidance
JP 42	undated	Excerpt of EPA Draft R10 Temperature Guidance	John Palmer, EPA Paula Van Haagen comments	DE	EPA manager comments on draft guidance
JP 43	undated	Recommended Criteria that Apply to the Summer Maximum Temperature w/hand written notes	John Palmer, EPA John Palmer edits	DE	EPA author comments on document
JP 44	undated	Edits to Guidance	John Palmer, EPA	DE	EPA author hand written notes
JP 45	2/1/03	EPA Draft R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author comments on draft guidance
JP 46	2/13/03	EPA Draft R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author comments on draft guidance
JP 47	2/13/03	Excerpt of EPA Draft R10 Temperature Guidance	John Palmer, EPA Paula Van Haagen comments	DE	EPA manager comments on draft guidance
JP 48	2/10/03	EPA Draft R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author comments on draft guidance

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 49	2/13/03	EPA Draft R10 Temperature Guidance	John Palmer, EPA Randy Smith comments	DE	EPA manager comments on draft guidance
JP 50	undated	2/14/03 Draft EPA R10 Temperature Guidance	John Palmer, EPA EPA HQ Staff and Attorney comments	DE, AC	EPA HQ comments on draft guidance
JP 51	undated	2/14/03 Draft EPA R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author comments on draft guidance
JP 52	undated	2/14/03 Draft EPA R10 Temperature Guidance	John Palmer, EPA Keith Cohen comments	DE, AC	EPA attorney comments on draft guidance
JP 53	undated	2/14/03 Draft EPA R10 Temperature Guidance	John Palmer, EPA Adrianne Allen comments	DE, AC	EPA attorney comments on draft guidance
JP 54	undated	2/14/03 Draft EPA R10 Temperature Guidance	John Palmer, EPA EPA staff and attorney comments	DE, AC	EPA HQ comments on draft guidance
JP 55	undated	Excerpt of EPA Draft R10 Temperature Guidance	John Palmer, EPA Collection of R10 staff, manager, attorney comments on draft guidance	DE, AC	EPA R10 comments on draft guidance
JP 56	undated	Excerpt of EPA Draft R10 Temperature Guidance	John Palmer, EPA EPA staff and attorney comments	DE, AC	EPA HQ comments on draft guidance
JP 57	3/19/03	Cara Lalley email w/comments on draft guidance	Cara Lalley, EPA	DE	EPA staff comments on draft guidance

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 58	3/17/03	Ben Cope email w/comments on draft guidance	Ben Cope, EPA	DE	EPA staff comments on draft guidance
JP 59	3/12/03	Ben Cope email w/comments on draft guidance	Ben Cope, EPA	DE	EPA staff comments on draft guidance
JP 60	3/17/03	Excerpt of EPA Draft R10 Temperature Guidance	John Palmer, EPA Bob Robichaud comments	DE	EPA manager comments on draft guidance
JP 61	3/11/03	Excerpt of EPA Draft R10 Temperature Guidance	John Palmer, EPA Jannine Jennings comments	DE	EPA staff comments on draft guidance
JP 62	undated	3/10/03 EPA Draft R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author comments on draft guidance
JP 63	3/24/03	3/11/03 EPA Draft R10 Temperature Guidance	John Palmer, EPA Carol Ann Siciliano comments	DE, AC	EPA attorney comments on draft guidance
JP 64	undated	3/11/03 EPA Draft R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author comments on draft guidance
JP 65	4/2/03	Ben Cope email w/comments on draft guidance	Ben Cope	DE	EPA staff comments on draft guidance
JP 66	4/8/03	4/3/03 EPA Draft R10 Temperature Guidance	John Palmer, EPA Carol Ann Siciliano coments	DE, AC	EPA attorney comments on draft guidance
JP 67	4/15/03	4/15/03 EPA Draft R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author comments on draft guidance

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 68	1/21/03	John Palmer email seeking comment on a portion of the draft guidance	John Palmer, EPA	DE	EPA author comments on draft guidance
JP 69	2/26/03	Excerpt of EPA Draft R10 Temperature Guidance	John Palmer, EPA John Palmer edits	DE	EPA author comments on draft guidance
JP 70	6/7/00	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 71	6/19 & 20/01	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 72	6/19 & 20/01	Policy Workgroup Meeting hand written notes	Randy Smith, EPA	DE	EPA manager handwritten notes
JP 73	undated	Comments on guidance options	Adrianne Allen, EPA	DE, AC	EPA attorney comments on draft options for guidance
JP 74	undated	Proposal for an interim temperature limit	John Palmer, EPA Randy Smith comments	DE	EPA manager comments on proposal
JP 75	undated	Proposal for an interim temperature limit	John Palmer, EPA John Palmer edits	DE	EPA staff notes on proposal
JP 76	undated	Temperature Criteria Proposal	John Palmer, EPA John Palmer edits	DE	EPA staff notes on proposal
JP 77	7/31/01	John Palmer email RE: legal aspects of temperature guidance	John Palmer, EPA	DE, AC	EPA staff email request for attorney assistance
JP 78	8/14 & 15/01	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 79	8/30/01	Policy Workgroup Conf. Call hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 80	8/30/01	Policy Workgroup Conf. Call hand written notes	Randy Smith, EPA	DE	EPA manager handwritten notes
JP 81	9/5/01	Policy Workgroup Meeting hand written notes	Randy Smith, EPA	DE	EPA manager handwritten notes
JP 82	9/10/01	Policy Workgroup Conf. Call hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 83	9/19/01	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 84	11/15/01	Policy Workgroup Conf. Call hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 85	12/20/01	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 86	12/20/01	Hand written notes from meeting with Pulp & Paper Association	John Palmer, EPA	DE	EPA staff handwritten notes
JP 87	1/25/02	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 88	1/22/02	Initial Framing of Options for Final Design of Temperature Guidance w/hand written notes	John Palmer, EPA	DE	EPA author edits on document

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 89	1/30/02	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 90	2/13/02	Major Concerns Raised Over the Draft Guidance w/hand written notes	John Palmer, EPA	DE	EPA author edits on document
JP 91	2/19/02	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 92	3/15/02	Email from Peter Leinenbach to Dru Keenan RE: modeling	Peter Leinenbach, EPA	DE	EPA internal email
JP 93	3/19/02	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 94	3/27/02	JP recommended direction on Temp guidance w/hand written note	John Palmer, EPA	DE	EPA author edits on document
JP 95	4/2/02	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 96	4/5/02	EPA Staff Recommended Direction on Temp Guidance	John Palmer, EPA	DE	EPA staff briefing document for EPA managers
JP 97	4/9/02	EPA Staff Recommended Direction on Temp Guidance	John Palmer, EPA	DE	EPA staff briefing document for EPA managers
JP 98	4/9/02	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes



DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 99	4/18/02	Meeting notes for mtg between EPA and Services Regional Administrators	John Palmer, EPA	DE	EPA staff handwritten notes
JP 100	5/21/02	Technical Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 101	5/6/02	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 102	5/23/02	EPA internal meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 103	5/29/02	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 104	6/4/02	SLS Criteria & Application Straw Option w/hand written notes	John Palmer, EPA	DE	EPA author edits on document
JP 105	6/4/02	EPA internal meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 106	6/19/02	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 107	8/5/02	Major Decisions Regarding the Draft Temp Guidance w/hand written notes	John Palmer, EPA	DE	EPA author edits on document
JP 108	8/21/02	John Iani Briefing	John Palmer, EPA	DE	Briefing for R10 Regional Administer

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 109	9/12/02	Policy Workgroup Meeting hand written notes	John Palmer, EPA	DE	EPA author edits on document
JP 110	9/24/02	Big Issues and Recommended Changes to 8/29/02 Temp Draft w/hand written notes	John Palmer, EPA	DE	EPA author edits on document
JP 111	10/1/02	EPA-Services mtg hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 112	2/26/03	Policy Workgroup Conf. Call hand written notes	John Palmer, EPA	DE	EPA staff handwritten notes
JP 113	4/25/03	Proposed Water Quality Standards w/hand written notes	Dept. Of Ecology Agenda with John Palmer hand written notes	DE	EPA staff handwritten notes
JP 114	4/1/03	Final Changes to Temp Guidance hand written list	John Palmer, EPA	DE	EPA staff handwritten notes
JP 115	3/18/03	Meeting notes for mtg between EPA and Services Regional Administers	John Palmer, EPA	DE	EPA staff handwritten notes
JP 116	3/13/03	John Palmer email RE: Temp Guidanced and Col/Snake TMDL	John Palmer, EPA	DE	Internal EPA email discussion RE: the relationship of Temp Guidance to TMDL
JP 117	3/13/03	Draft letter from Bob Lohn to John Iani Re: Temp Guidance	Jeff Lockwood, NOAA	DE	Interagency Draft letter from NOAA to EPA

DOC. No.	DATE	DOC TYPE	AUTHOR AND AGENCY	REASON FOR WITHHOLDING	CONTENT
JP 118	3/27/03	John Palmer internal EPA email RE: draft NOAA letter supporting Temp guidance	John Palmer, EPA	DE	Internal EPA email
JP 119	4/11/03	FAX of Draft letter from Bob Lohn to John Iani Re: Temp Guidance	Russ Strach, NOAA	DE	Interagency Draft letter from NOAA to EPA
JP 120	3/24/03	Draft letter from Dave Allen to John Iani Re: Temp Guidance	Dave Allen, FWS	DE	Interagency Draft letter from FWS to EPA

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